

# AIRCRAFT LOG

| DATE | FLIGHT FROM | TO | NATURE OF FLIGHT | DURATION OF FLIGHT | ACCUMULATED TOTAL FLYING TIME |       | SIGNATURE OF PILOT |
|------|-------------|----|------------------|--------------------|-------------------------------|-------|--------------------|
|      |             |    |                  |                    | HOURS                         | 10THS |                    |
| 19   |             |    |                  |                    |                               |       |                    |

This aircraft was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.

**LIMITED TO THE WORK PERFORMED**

**Pertinent details on file at Beegles Aircraft Service, Inc., Greeley, CO.**

**Work Order # 9045                      CRS BX4R092M**

Signed *Steve Vonnahme*

Date 12/2/00

Tach 3807.2

N 20070

Performed operational test flight in accordance with FAR 91.407 Paragraph (b).

Signed *Ken W. ... AP263064482*

# AIRCRAFT LOG

| VOR Receiver operation checked<br>in accordance with FAR 91.25 |               |       |           | DATE    | REMARKS   |
|--|---------------|-------|-----------|---------|---|
| Date   | Bearing error | Place | Signature |         |   |
|  | VOR 1         | VOR 2 |           | 19 ____ |   |
| 3/30/2001  |               |       |           |         | Removed Cessna compass. Installed new PAT-700(14v) vertical card      |
| Tach =   |               |       |           |         | compass in accordance with FAR 21 under TSO C7. Type-T. Compass swing |
| 3887.6   |               |       |           |         | and correction card placarded. Eric Somly 530305191 ACP               |
| 10/16/01   |               |       |           |         | Installed new Concorde CB 35RGXC battery according to manufacturer's  |
| Tach: 3871.7   |               |       |           |         | instructions this date. Eric Somly 530205191 ACP                      |

**Island Aircraft Service, LLC, Eastsound, WA (360) 376-6769**

3/15/02 Tach Time 3887.6 Total Time 3887.6. Performed Annual Inspection in accordance with FAR 43, App D and Cessna Maintenance Manual. Performed Corrosion X treatment. Replaced front gear door shock mount. C/W FAR 91.207 c.d. Installed new ELT battery, next due Dec. 2002. See AD List for current compliance. I certify that this aircraft was inspected in accordance with Annual Inspection and was determined to be airworthy.

Geoffrey Schussler A&P19328571A

Signature \_\_\_\_\_

*[Handwritten Signature]*

# AIRCRAFT LOG

| DATE      | FLIGHT FROM   | TO | NATURE OF FLIGHT | DURATION OF FLIGHT | ACCUMULATED TOTAL FLYING TIME |       | SIGNATURE OF PILOT |
|-----------|---|----|------------------|--------------------|-------------------------------|-------|--------------------|
|           |   |    |                  |                    | HOURS                         | 10THS |                    |
| 19        |   |    |                  |                    |                               |       |                    |
| 4-15-2002 | Tested transponder in accordance with FAR91.413 this date <u>4-15-02</u> Tested altimeter system(s) to <u>20,000</u> ft. in accordance with FAR91.411 this date <u>4-15-02</u> Tested reporting system to <u>20,000</u> ft. in accordance with FAR91.411 and 91.413 this date <u>4-15-02</u><br>Signed <u>[Signature]</u><br>San Juan Avionics FAA Repair Sta. JUAR441K |    |                  |                    |                               |       |                    |
| 5/3/02    | Installed new <u>Aeroflex, Inc., Aerolite Harness</u> P/N A38-10BS this date. <u>Eric Sourly 530305191 ACP</u> Tach Time: 3914.8  |    |                  |                    |                               |       |                    |
| 7/17/02   | Installed new <u>Brushett Air Filter</u> p/n <u>BA5705</u> . Tach Time: 3929.4<br><u>Eric Sourly 530305191 ACP</u>  |    |                  |                    |                               |       |                    |
| 8/12/02   | Tach Time: 3936.2 <u>Removed &amp; installed overhauled m. Canby Prop, see new prop log.</u> <u>Eric Sourly 530305191 ACP</u>   |    |                  |                    |                               |       |                    |

CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE

# AIRCRAFT LOG

| VOR Receiver operation checked<br>in accordance with FAR 91.25 |               |              |           | DATE    | REMARKS   |
|--|---------------|--------------|-----------|---------|---|
| Date   | Bearing error | Place        | Signature |         |   |
|  | VOR 1         | VOR 2        |           | 19 ____ |   |
| 9/15/02  |               | Tach: 3942.6 |           |         | Replaced all stratoFlex turbo system hoses this date.<br>Installed new Cessna 8006170112070029-1 nose gear downlock<br>switch this date. Eric Somly 530705191 ATP |
| 3/8/03   |               | Tach: 3982.1 |           |         | Installed new Artex ELT Battery Pack p/n 00-04-000A. ELT<br>operation checked okay. ELT expires May 2005. Eric Somly<br>530-70-5191 ATP                           |



3/13/2003      N2007Q      Tach: 3983.4      WO# 6493  
 Removed: Apollo NMS 2001 GPS System and Apollo 360 Map  
 Installed: KLN94 System      **CROWN AVIATION AVIONICS**  
 FAA Form 337 executed      Paine Field, Everett, WA  
 Weight/Balance calculated      **FAA Repair Station 1H6R613N**

Michael Hamme



## AIRCRAFT LOG

| DATE    | FLIGHT FROM | TO | NATURE OF FLIGHT   | DURATION OF FLIGHT | ACCUMULATED TOTAL FLYING TIME |       | SIGNATURE OF PILOT |
|---------|-------------|----|--|--------------------|-------------------------------|-------|--------------------|
|         |             |    |  |                    | HOURS                         | 10THS |                    |
| 5/15/03 | Tach 4003.0 |    | Replaced left cowl mount, part p/n 5-14290-4. Installed new fuel drain valve, p/n MOEF391-82 in left wing. Installed p/n 529513-338 O-rings in fuel cap. Installed new Cessna brake hose assemblies, p/n 51810-000, on both main wheel brakes. Cleaned & repacked nose & main wheel bearings. Installed new flap motor inspection plate, Cessna p/n 1221093-3 and new wing inspection plate, Cessna p/n 1221116-3. Replaced loose rivets in lower nose cowling and repainted lower cowling. Replaced VOR-Omni antenna block. Eric Sourly 530305191 ATP |                    |                               |       |                    |
| 7/15/03 | Tach 4003.0 |    | Had Bendix/King KLN 94, s.n. 2325 and Bendix/King GPS Antenna installed by Lynn Aronson, w.s. 6493, on 3/13/2003. New weight and balance this date. Eric Sourly 530305191 ATP  |                    |                               |       |                    |

CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE

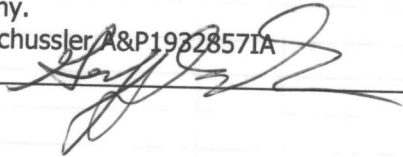
# AIRCRAFT LOG

**Island Aircraft Service, LLC, Eastsound, WA (360) 376-6769**

5/15/03 Tach Time 4003.0 Total Time 4003.0. Annual Inspection performed in accordance with FAR 43, App D and Cessna Maintenance Manual. C/W FAR 91.207 c.d. ELT battery next due May 2005. See AD List for current compliance. All maintenance and repairs performed by owner in accordance with FAR 43.3 (b). I certify that this aircraft was inspected in accordance with Annual Inspection and was determined to be airworthy.

Geoffrey Schussler A&P19328571A

Signature



RKS

tions - Rigging Changes - Alterations - Repairs - Service Letters -  
t, under the heading, "INSTRUCTIONS FOR USE OF THIS LOG BOOK."  
his rating and certificate number must be shown.

CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE

# AIRCRAFT LOG

| DATE    | FLIGHT FROM  | TO | NATURE OF FLIGHT  | DURATION OF FLIGHT | ACCUMULATED TOTAL FLYING TIME |       | SIGNATURE OF PILOT |
|---------|--------------|----|---|--------------------|-------------------------------|-------|--------------------|
|         |              |    |   |                    | HOURS                         | 10THS |                    |
| 9/7/03  | Tach: 4052.4 |    | Installed new slick mag housing ignition harness, p/n. SLK M2915 this date. En. Bondy 580305191 ACP |                    |                               |       |                    |
| 3/26/04 | Tach: 4088.4 |    | Installed new GE4509 landing light (right). En. Bondy 530305191 ACP                                 |                    |                               |       |                    |

**Davionics**  
**CRS # DSDR658X**

This ATC transponder system has been tested in accordance with CFR 91.413 and found to meet the requirements of CFR 43 App. F. Pertinent details are on file at this repair station under

WO# 0070 Date 5/24/04 Tach 4111.2

Transponder Make BENDIX KING

Model KT76A Serial# N/A

Inspected By David F Reid

**Davionics**  
**Repair Station #DSDR658X**

The Pitot/Static and Altimeter system has been tested in accordance with CF91.411 and found to meet the requirements of CFR 43 App.E. Pertinent details are on file at this repair station under

WO# 0055 Date 5/24/04 Tach 4111.2

Transponder Make BENDIX KING


Model KT76A Serial # N/A

Inspected By David F Reid

Enter here general data with reference to "Line" and "Periodic" inspections - Rigging Changes - Alterations - Repairs - Service Letters - and changes in propeller or engine - as outlined in the front of this book, under the heading, "INSTRUCTIONS FOR USE OF THIS LOG BOOK." ALL DATA must bear the endorsement of a certificated mechanic, and his rating and certificate number must be shown.

**Island Aircraft Service, LLC, Eastsound, WA (360) 376-6769**

6/14/04 Tach Time 4115.4 Total Time 4115.4. Annual Inspection performed in accordance with FAR 43, App D and Cessna Maintenance Manual. C/W FAR 91.207 c.d. ELT battery next due May 2005. See AD List for current compliance. I certify that this aircraft was inspected in accordance with Annual Inspection and was determined to be airworthy.

Geoffrey Schussler A&P19328571A  
Signature 

# AIRCRAFT LOG

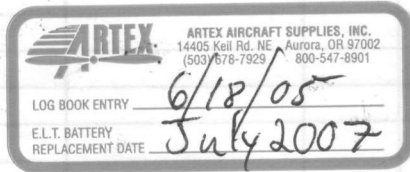
| DATE          | FLIGHT FROM  | TO | NATURE OF FLIGHT   | DURATION OF FLIGHT | ACCUMULATED TOTAL FLYING TIME |       | SIGNATURE OF PILOT |
|---------------|--------------|----|--|--------------------|-------------------------------|-------|--------------------|
|               |              |    |  |                    | HOURS                         | 10THS |                    |
| 19<br>10/3/04 | Tach: 4158.9 |    | Replaced left main gear proximity warning switch, Cessna p/n 2070017-5 (switch assembly). Eric Gourley |                    |                               |       | 530305191 A&P      |

June 18, 2005    Tach Time: 4183.3    Total Time: 4183.3

Performed 100 hour inspection in accordance with Cessna Service Manual. Replaced left and right main wheel tires with new Goodyear Flight Special II, 600-6-6 tires. Cleaned and repacked bearings. Replaced brake linings on both wheels with new Rapco RA66-105 linings. Installed new Artex ELT battery pack p/n 00-04-000A. Checked ELT operational, battery expires July 2007.

Eric G. Gourley 530305191 A&P

*Eric Gourley*



CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE

# AIRCRAFT LOG

Date

## Island Aircraft Service, LLC, Eastsound, WA (360) 376-6769

6/18/05 Tach Time 4183.3 Total Time 4183.3. Annual Inspection performed in accordance with FAR 43, App D and Cessna Maintenance Manual. C/W FAR 91.207 c.d. ELT battery next due July 2007. See AD List for current compliance. I certify that this aircraft was inspected in accordance with Annual Inspection and was determined to be airworthy.

Geoffrey Schussler A&P19328571A  
Signature



KS

ns - Rigging Changes - Alterations - Repairs - Service Letters -  
under the heading, "INSTRUCTIONS FOR USE OF THIS LOG BOOK."  
rating and certificate number must be shown.

9/20/05 Tach Time 4223.9 Installed New Cessna RG35-AXC this date,  
Erie County 570105191 A&P

3/9/06 Tach Time 4238.5  
Installed left & right fuel inlets & caps,  
WW-2 on A2007Q as per STC 542458CE in  
accordance with Part 101 of WW-2.  
Erie County 530305191 A&P

DETACH AND AFFIX  
TO LOGBOOK

W.O.# 34984

DATE 6-2-6

S/N 55283

MODEL # 44A122

SERVICE TAG

NARCO AVIONICS INC.

# A I R C R A F T   L O G

DATE Nov. 15, 2006    Tach Time: 4254.8    Total Time: 4254.8

ATURE OF  
ILOT

Performed 100 hour inspection in accordance with Cessna Service Manual. Replaced main gear and nose gear actuator hoses with Precision Hose Technology Kit P/N CE177RGA/F-2 (PN111V417-4S0134 noseup, 111V417-4S0150 nose down, 111V417-4S0114 main up, and 111V417-4S0100 main down). Replaced rotating beacon light bulb with Whelen PN34-0212010-97 (12V, 125W). Replaced stabilator down cable with Cessna P/N2060020-102 and adjusted tension as per Cessna Service Manual. Installed repaired S-Tec Autopilot Controller and new Roll Servo, S-Tec Sys-50, S-Tec W.O. R-44588. Installed repaired Narco Nav122, Narco W.O. 34984. Rebuilt shimmy dampener and repaired shock mount to nose gear door. Treated fuselage and wings with ACF-50. Checked ELT operational, battery expires July 2007.

Eric G. Gourley 530305191 A&P

*Eric G. Gourley*

**Island Aircraft Service, LLC, Eastsound, WA (360) 376-6769**

11/15/06 Tach Time 4254.8 Total Time 4254.8. Annual Inspection performed in accordance with FAR 43, App D and Cessna Maintenance Manual. C/W FAR 91.207 c.d. ELT battery next due July 2007. See AD List for current compliance. I certify that this aircraft was inspected in accordance with Annual Inspection and was determined to be airworthy. Geoffrey Schussler A&P1932857IA

Signature \_\_\_\_\_

CARRY FORWARD



| VOR Recd<br>in accordance with |         | DATE  |  | MARKS      |  |
|--------------------------------|---------|---|--|------------|--|
| Date                           | Bearing | TACH TIME   |  | TOTAL TIME |  |
| VOR 1                          | VOR 2   |   |  |            |  |
|                                |         | <p>Dec. 1, 2007      Tach Time: 4375.5      Total Time: 4375.5</p> <p>Replaced left wingtip navigation light with new U1512 bulb. Replaced EGT Probes to Cylinders #1,#3,#4 with new Insight Instruments EGT probes, p/n 2870. Replaced CHT Probe to Cylinder #3 with new Insight Instruments CHT Probe, p/n 2852. Replaced EGT /CHT insulating connecting sleeves, screws, and terminal connectors with new Insight Instruments Sleeve Kit Package, p/n 600-6. Repaired slip joint exhaust leaks on Cylinders #1 and #3 exhaust stack. Replaced oil pressure line with new Precision Hose Technology Inc., p/n 124V001-3CR0273. Replaced fuel pressure line with new Precision Hose Technology Inc., p/n 124V001-3CR0473. Replaced all four fuel nozzle o-rings with new Cessna p/n 951391 o-rings. All AD's up to date at this time. See AD Compliance record for details. I certify that an Annual Inspection was performed in accordance with the requirements of FAR 43 Appendix D and that this aircraft was determined to be airworthy. Operationally checked ELT battery, expires July 2007.</p> <p>Jonathon L. Gourley A&amp;P3019806IA <i>Jonathon L. Gourley</i></p> |  |            |  |
|                                |         | <p>9/10/08 Tach Time: 14394.0</p> <p>#2 Navco Com 120 removed and new Tecumseh 4200 installed by Cannon A&amp;P<br/>weight and balance calculated. Eric Gourley A&amp;P 530705191</p>   |  |            |  |

F THIS LOG BOOK.

Replaced left wingtip navigation light with new U1512 bulb. Replaced EGT Probes to Cylinders #1,#3,#4 with new Insight Instruments EGT probes, p/n 2870. Replaced CHT Probe to Cylinder #3 with new Insight Instruments CHT Probe, p/n 2852. Replaced EGT /CHT insulating connecting sleeves, screws, and terminal connectors with new Insight Instruments Sleeve Kit Package, p/n 600-6. Repaired slip joint exhaust leaks on Cylinders #1 and #3 exhaust stack. Replaced oil pressure line with new Precision Hose Technology Inc., p/n 124V001-3CR0273. Replaced fuel pressure line with new Precision Hose Technology Inc., p/n 124V001-3CR0473. Replaced all four fuel nozzle o-rings with new Cessna p/n 951391 o-rings. All AD's up to date at this time. See AD Compliance record for details. I certify that an Annual Inspection was performed in accordance with the requirements of FAR 43 Appendix D and that this aircraft was determined to be airworthy. Operationally checked ELT battery, expires July 2007.

*Forrest L. Bowley*

#2 Narco Com 120 removed and new Icom A200 installed by Cannon Avionics  
weight and balance calculated. Eric Gonsky ~~AKP 530705191~~

# AIRCRAFT LOG

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|------|-------------|----|------------------|--------------------|-------------------------------|-------|--------------------|
|      |             |    |                  |                    | HOURS                         | 10THS |                    |
| 19   |             |    |                  |                    |                               |       |                    |

The following tests required by FAR 91.217 and FAR 91.411 were performed and found to comply with FAR 43, Appendix E.

Altimeter tested to #1 20,000 ft. #2        ft.

Signature J. R. Peake Date 10/15/08

Pressure altitude reporting system. To 20,000 ft.

Signature J. R. Peake Date 10/15/08

Aircraft static system.

Signature J. R. Peake Date 10/15/08

CANNON AVIONICS, INC. - ARLINGTON, WA - CRS FB6R529N

N2007Q TACH 4396.1

The ATC transponder tests and inspections required by FAR 91.413 were performed this date and found to comply with FAR 43, App. F ATC Transponder.

#1-Manf. KING Model KT78 S/N# 8C-905

Date 10/15/08 Signature J. R. Peake  
CANNON AVIONICS, INC. - ARLINGTON, WA - CRS FB6R529N

N2007Q TACH 4396.1

CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE

[illegible]

Feb. 1, 2009

Tach Time: 4417.7

Total Time: 4417.5

Replaced left wingtip navigation light with new U1512 bulb. Replaced EGT Probes to Cylinders #2, with new Insight Instruments EGT probe, p/n 2870 and with new Insight Instruments Sleeve Kit Package, p/n 600-6. Replaced fuel distributor to fuel servo line with new Precision Hose Technology Inc., p/n 124001-4CR0173. Replaced fuel pump to fuel servo line with new Precision Hose Technology Inc., p/n 124F003-6R0254 and new firesleeve. Replaced turbo case oil line to turbine body inlet with new Precision Hose Technology Inc. p/n 111F417-4S0272 and new fire sleeve. Replaced turbine oil outlet line to rear accessory case with new Precision Hose Technology Inc., p/n 111F417-8D0675. Eric Gourley A&P530305191 *Eric Gourley*  
All AD's up to date at this time. See AD Compliance record for details. I certify that an Annual Inspection was performed in accordance with the requirements of FAR 43 Appendix D and the Cessna 177RG service manual, and that this aircraft was determined to be airworthy. Operationally checked ELT battery, expires April 2011.  
Jonathan L. G... 2011-03-28

Jonathon L. Gourley A&P3019806IA

ice Letters —  
LOG BOOK."

CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE

MAKE:Cessna MODEL:177RG S/N: 407 REG#: N2007Q HOBBS TIME: 4801.7

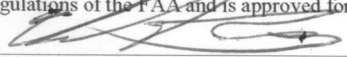
Removed Fuel Servo P/N RSA-5AD1 S/N 48366 and installed RSA-5AD1 S/N 70DN2602 to satisfy TATurbo's S/B# TAT-SB09-02 instructions. Engine timing was set In accordance with the same SB, and placard# 77-8900001 was installed IAW SB instructions. See attached FAA form 8130-3 dated 7/12/11. Installed throttle and mixture lever arms and performed fuel system rigging per C-177RG maintenance manual. Ensured non-interference of all moving parts associated with rigging and running. Performed engine runs to verify correct performance, and discovered that the fuel flow is NOT performing IAW TATurbo's specifications. The original flow rating was 17-18 GPH, and TATurbo's new specifications call for an increase to 21 GPH. This aircraft still runs at 17-19 GPH. TATurbo's engineering department was contacted, given the run data, and the determination was made by their engineering department that there was a further issue, and the aircraft will need additional fuel system components to achieve 21 GPH. At this time, it was determined that the aircraft is not in an airworthy state until TATurbo notifies the owner/operator of their findings, further repair criteria, and revision of, or replacement of, SB# TAT-SB09-02. I certify that I have performed the work stated above, and find this aircraft UNAIRWORTHY at this time, with a list of discrepancies provided to the owner/operator of this aircraft.

(unairworthiness of this aircraft precludes my signature until an airworthy state can be achieved IAW FAR 43.9) Date:11/16/11  
CHRISTIAN L. BOONE, A&P, I/A 2811941

MAKE:Cessna MODEL:C177RG S/N: 407 REG#:N2007Q HOBBS TIME:

Removed Faulty mixture cable and installed new McFarlane TSO part. Removed Faulty MZ4222 S/N A157037 engine starter and installed new Sky-Tec lightweight starter P/N 149NL S/N FN-2210111. Removed leaking turbocharger P/N 465292-9001 S/N DGN0048 and installed new model 466642-9005 S/N H-OER00057. See attached FAA form 8130-3. Removed turbo wastegate and sent to Arizona Aircraft Accessories and reinstalled same unit after overhaul. See attached FAA form 8130-3. Installed Skybolt STC# SA3286SO (engine cowling fasteners) per all STC instructions contained in skybolt document SK4177-42A.DOC. See attached FAA form 337. Performed functional tests on all of the above components and systems, making the necessary rigging/adjustments IAW current Cessna maintenance manual instructions. No defects noted.

The aircraft, airframe, aircraft engine, or appliance identified above was repaired and inspected IAW current regulations of the FAA and is approved for return to service.

Signed:  Date: 11/16/11  
Christian L Boone, A&P, I/A 2811941

# AIRCRAFT LOG

|       |           |  |       |          |
|-------|-----------|--|-------|----------|
| DATE  | 12/9/2011 | FALCON EXECUTIVE AVIATION, INC.          | WO#   | SVC-3410 |
| REG   | N2007Q    | 4766 E. FALCON DR.                       | TACH  | 4806.25  |
| MODEL | 177RG     | MESA, ARIZONA 85215                      | HOBBS | 4801.7   |
| SER # | 177RG0407 | FAA APPROVED REPAIR STATION NO. X0FR185J | AFTT  |          |

SIGNATURE OF  
PILOT

## AIRFRAME LOG ENTRY

1. Installed overhauled controller P/N 470688\*9005, S/N HIR0137. Ref 8130-3 from Arizona Aircraft Accessories, CRS B6BR276J, WO # 34554 dated Mar 07, 2011.
2. Tested cylinder #3 CHT probe with no faults. Swap cyl #1 CHT probe with Cyl #3 CHT probe, ground run and ops checked.
3. Cleaned pilots PTT switch and replaced co-pilots PTT switch with new P/N MPA103F.
4. Troubleshoot Thompson Aero Products spoiler and dive brake system due to right assembly deploys before left assembly. Reconnected left assembly interconnect cable per dwgs 177010 and 177015. Cleaned and lubed assemblies, checked for vacuum leaks and ops checked with no change in results. All work accomplished in accordance with Thompson Aero Products Manual Report No 200. Deactivated switch, placard "INOP" and pulled and secured circuit breaker.
5. Replaced burnt wiring from nose gear lock switch to firewall connectors. Installed new main gear up switch P/N 2070019-3 and rigged. Performed 9 gear retract and extension checks satisfactory.
6. The work identified above was performed in accordance with current Federal Aviation Regulations and the repair work done is approved for return to service.

AUTHORIZED SIGNATURE *Bruce Brown* CRSX0FR185J

Pertinent details of work accomplished on this aircraft are on file at this agency under work order SVC-3410.

END

# AIRCRAFT LOG

|  |                                     |              |                  |                       |   |
|--|-------------------------------------|--------------|------------------|-----------------------|---|
| VOR Receiver operation checked<br>in accordance with FAR 91.25 |                                     |              |                  | <b>DATE</b><br>19____ | <b>REMARKS</b><br>Enter here general data with reference to "Line" and "Periodic" inspections — Rigging Changes — Alterations — Repairs — Service Letters — and changes in propeller or engine — as outlined in the front of this book, under the heading, "INSTRUCTIONS FOR USE OF THIS LOG BOOK." ALL DATA must bear the endorsement of a certificated mechanic, and his rating and certificate number must be shown. |
| <b>Date</b>  | <b>Bearing error</b><br>VOR 1 VOR 2 | <b>Place</b> | <b>Signature</b> |                       |   |

**DATE** 12/24/2011  
**REG** N2007Q  
**MODEL** 177RG  
**SER #** 177RG0407

**FALCON EXECUTIVE AVIATION, INC.**  
**4766 E. FALCON DR.**  
**MESA, ARIZONA 85215**  
**FAA APPROVED REPAIR STATION NO. X0FR185J**

**WO#** SVC-3410  
**TACH** 4807.32  
**HOBB** 4801.7  
**AFTT**

## AIRFRAME LOG ENTRY

1. Replaced right cowl flap cable P/N S1391-27 and rigged.
  2. GPH Fuel flow sensor mounted improperly reposton hoses and sensor.
  3. Replace engine driven fuel pump do to low pressure installed p/n 41234 s/n AA23308, pressure now 29 PSI.
  4. Engine now meet requirements of General Aviation Modifications, Inc. TAT- S/B 09-02 for gallons per hour and manifold press
- This clears discrepancies list in 11-16-11 log entry, aircraft returned to service.

The work identified above was performed in accordance with current Federal Aviation Regulations and the repair work done is approved for return to service.

AUTHORIZED SIGNATURE  CRSX0FR185J

Pertinent details of work accomplished on this aircraft are on file at this agency under work order SVC-3410.

-----END-----

# AIRCRAFT LOG

| DATE<br>2012<br>19  | FLIGHT FROM | TO     | NATURE OF FLIGHT | DURATION OF FLIGHT | ACCUMULATED TOTAL FLYING TIME |       | SIGNATURE OF PILOT |
|---|-------------|--------|------------------|--------------------|-------------------------------|-------|--------------------|
|   |             |        |                  |                    | HOURS                         | 10THS |                    |
| 1-July-12   | TASH        | 4850.7 |                  |                    |                               |       |                    |
| <p>I have inspected this aircraft in accordance with an Annual inspection using the manufacturer's check list and 14 CFR FAR 43-13. Work at points called out in check list graded Braking - installed new brake Pucks service gear power pack. ELT Battery is due for replacement Aug 2018 repaired engine Baffle completed with</p> <p>AD 96-09-06 Brackets airframe ok / 27-20-03 Seat Rails ok</p> <p>This aircraft is airworthy and may be returned to service</p> <p style="text-align: right;">J. M. T. [Signature]</p> <p style="text-align: right;">A6P1575010-1/A</p> |             |        |                  |                    |                               |       |                    |
| <p style="text-align: center;">CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE</p>  |             |        |                  |                    |                               |       |                    |



RADIO & ELECTRONIC CHECKS

DATE 12/24/2011  
REG N2007Q  
MODEL 177RG  
SER # 177RG0407

FALCON EXECUTIVE AVIATION, INC.  
4766 E. FALCON DR.  
MESA, ARIZONA 85215

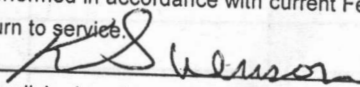
WO# SVC-3410  
TACH 4307.32  
HOBB 4801.7  
AFTT

FAA APPROVED REPAIR STATION NO. X0FR185J

AIRFRAME LOG ENTRY

1. Replaced right cowl flap cable P/N S1391-27 and rigged.
  2. GPH Fuel flow sensor mounted improperly reposition hoses and sensor.
  3. Replace engine driven fuel pump do to low pressure installed p/n 41234 s/n AA23308, pressure now 29 PSI.
  4. Engine now meet requirements of General Aviation Modifications, Inc. TAT- S/B 09-02 for gallons per hour and manifold pressure.
- This clear discrepancies list in 11-16-11 log entry aircraft returned to service.

The work identified above was performed in accordance with current Federal Aviation Regulations and the repair work done is approved for return to service.

AUTHORIZED SIGNATURE  CRSX0FR185J

Pertinent details of work accomplished on this aircraft are on file at this agency under work order SVC-3410.

END

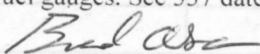
N2007Q  
Tach: 4825.0

PARK RAPIDS AVIATION, INC  
301 AIRPORT ROAD  
PARK RAPIDS, MN 56470  
218-237-8528

5/23/2012  
S/N: 177RG0407

AIRFRAME LOG

Installed new Great Lakes Aero windshield and rear window. Installed exhaust fairing IAW Maple Leaf Aviation STC SA01386NY. See 337 dated 5-23-2012. Installed EI fuel gauges. See 337 dated 3-21-2012.

 Brad Olson A&P 477049349

Park Rapids Avionics 301 Airport Road Suite 1 Hwy 71 South Park Rapids, MN 56470 K15R981Y  
LOG ID# 319 01 June 2012 WO# 2042/1  
N2007Q S/N 177RG0407 CESSNA 177RG TACH 4824.8

Removed the following equipment: a. Bendix/King KLN 94 GPS b. Bendix/King KA 92 GPS antenna c. AIM DG d. VSI e. Narco Nav 121 nav f. Icom A200 com g. Narco CP 126 audio panel h. Narco Com 120 com i. Bendix/King KT-76 transponder j. Ameri-King AK-350 mode C encoder k. NAT AA80 intercom l. Shark 7 ELT m. ELT antenna. Installed the following equipment: a. Aspen EFD 1000 EFIS display p/n 910-00001-001 s/n 10215 b. Aspen EFD 1000 EFIS remote sensor module p/n 910-00003-002 s/n 1234 c. Aspen EFD 1000 EFIS analog convertor unit p/n 910-00004-001 s/n 11857 d. Aspen EFD 1000 EFIS config module p/n 920-00004-002 s/n 11945 e. Garmin GTN-650 Nav/Com/GPS p/n 011-02256-00 s/n 128001471 f. Garmin GA 35 GPS antenna p/n 013-00235-00 s/n 80064 g. Garmin GTX-330 transponder p/n 011-00455-00 s/n 84143748 h. PS Engineering PMA-8000BT audio panel/intercom/MKB p/n 050-890-0702 s/n CBT1888 i. Artex ELT ME 406 p/n 455-6605 s/n 197-11766 j. Artex ELT antenna k. Artex ELT remote panel switch l. Garmin SL-40 Nav/Com p/n 430-6040-203 s/n 25816419 m. Co Guardian CO detector p/n 452 s/n 92722 n. Approach Pro X hub (junction box) p/n 7040-0001 s/n H1210195-01X. Installed the Aspen EFD 1000 EFIS system in accordance with manufactures installation manual Aspen p/n 900-00003-001 rev AB and STC# SA10822SC. Installed GTN-650 Nav/Com/GPS and GA-37 GPS/XM antenna in accordance with manufactures installation manuals Garmin p/n 190-01007-A3 Rev 3 and STC SA02019SE-D. Installed equipment in accordance with manufactures installation manuals PS Engineering p/n 200-890-0702 Rev. 2, Artex p/n 570-1600 rev J, Garmin p/n 560-0956-04 Rev. A, p/n 190-00207-02 Rev. S. Approach Doc. p/n 7040-9110 Rev. A. CO Gardian drawing # 01-2510-01. Installed equipment in accordance with AC 43.13-2B chapters 3,11, 2, sections 201,202,203,204,205,206, 207, 208,209, and 210, and reference to AC 43.13-1B chapters 4,7,11 and 12. The continuous electrical load does not exceed 80% of the total alternators capacity. All equipment was functional tested per manufactures installation manuals and interference tested with existing systems. A copy of the EFD 1000 EFIS approved flight manual supplement Aspen p/n 900-00008-001 Rev P has been added to the FAA approved flight manual. A copy of the GTN-650 FAA approved flight manual supplement Garmin p/n 190-01007-A2 Rev. 1 has been added to the FAA approved flight manual. Computed new weight and balance and updated equipment list. Replaced instrument panel with new fabricated 2024T3 .090 aluminum panels using existing mounting structure and standard hardware. ME 406 ELT Hex ID: ADCC40B7D800315 Battery due August 2018. Replaced instrument post lights with new instrument lights p/n FIL 3125-14VA. replaced glaresheild with new Plane Plastics glaresheild, replaced glaresheild flood lights with LED light strip, replaced cessna wire wound (high watt) reostats with Superior Tech transistor dimmer pack p/n SPTLD115W4 and standard reostats p/n RV6NAYSD102A. Removed Edo-Aire Airspeed p/n EA-5171 s/n 5090. Edo-Aire Attitude gyro p/n 5000F-5 s/n 36437G shipped instruments for repair, reinstalled after repair. Install wiring and mount for portable GPS, installed supplimental landing gear pump (on) and gear down indicator lights. Replaced Com antenna with new antenna p/n RA-10. Replaced plastic lower

# RADIO & ELECTRONIC CHECKS

DATE: Date: 06-1-2012 N#: 2007Q Model: 177RG S/N: 177RG0407 Tach: 4801.7

Installed Seaton Engineering Corp Maxpulse lighting system p/n 9200-000-A/B. All work was done in accordance with Seaton Engineering STC Number SA01861SE including installation instructions 9150-001 Rev. G 06/22/09 in conjunction with Cessna 177 Maintenance Manual. Weight and balance change negligible and updated equipment list. FAA-Approved POH/AFM Supplement, No. 9150-009 Rev. C was inserted into POH. ICAs see Seaton Engineering Doc# 9150-008 Rev D.

Signed

Randall J. Van Batavia 3121295

CHECKED BY:

CERT. NO.

Park Rapids Avionics 301 Airport Road Suite 1 Hwy 71 South Park Rapids, MN 56470 K15R981Y  
LOG ID# 310 01-June-2012 WO# 2042/1  
N2007Q S/N 177RG0407 CESSNA 177RG TACH 4824.8

Pg 2 / 2

instrument panel overlay with new fabricated 2024T3 .040 aluminum panel. Replaced all circuit breakers with new Klaxon 7277-2 series. Replaced all lower panel switches with new Cessna p/n TA201-TW-B switches. replaced landing gear switch p/n MS25125-E3. Replaced flap handle p/n S1771-3. Replaced yoke switch brackets, yoke coil cords and installed used servicable yoke pads. The altimeters/ADC, encoder, transponder, static system tests required by FAR 91-411, FAR 91-413, and FAR 91-217 were performed and found to meet the requirements of FAR 43 appendix E and F. Tested to 20,000 feet.

|                   |               |                    |               |
|-------------------|---------------|--------------------|---------------|
| Altimeter~ADC     | m/n: EFD 1000 | p/n: 910-00001-001 | s/n: 10215    |
| Standby Altimeter |               | p/n: 5934P-1       | s/n: R4925    |
| Transponder       | m/n: GTX-330  | p/n: 011-00455-00  | s/n: 84143748 |
| Encoder           | m/n: EFD 1000 | p/n: 910-00001-001 | s/n: 10215    |

MAINTENANCE RELEASE/RETURN TO SERVICE CRS#K15R981Y

The Aircraft, component, identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of these inspections are on file at this repair station.

Tom Hass

Date

6-1-2012

RACSAGS-ESMEZP4-SCAFWSE

SCS  
SFW  
TSC  
E

7625 S Peoria St D14, Englewood, CO 80112  
AIRFRAME

Bled right brake system and inspected for leaks, none noted. Operational check of right brake system found good at this time. -END-

Ryan Rector AP 3663274

# MAINTENANCE RECORD

## F.A.R. 43.9

DATE OF  
COMPLETION

AIRCRAFT TIME  
IN SERVICE

DESCRIPTION OF WORK PERFORMED  
OR APPROVED DATA USED

AGENCY & CERTIFICATE NO.  
WORK PERFORMED/RETURNED TO SERVICE

10-July-13 - Tach Time 4934.0

I have inspected this airframe  
I.A.W. an annual inspection I.A.W.  
the Cessna 177 check list and FAR  
43.13. installed new nose tire and  
tube. installed new tube on port  
side. compression #1 78/80 #2 78/80  
#3 75/80 #4 78/80

R. E. Riggs Rudder - rudder trim & 103  
wheel I.A.W. C-172 Maint Manual  
I certify this a/c is airworthy  
and may be returned to service

J. M. T. DuFraine  
Atp 1575010-1A

# MAINTENANCE RECORD F.A.R. 43.9

| DATE OF COMPLETION | AIRCRAFT TIME IN SERVICE | DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED  | AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE |
|--------------------|--------------------------|--|---|
| 6-9-14             |                          |  |   |
| 6-SEPT-14          |                          | TACH TIME 4963.98                                    |   |
|                    |                          | CHANGED TUBES AND TIRES, LEFT AND RIGHT              |   |
|                    |                          | I.A.W. M/M PART NO. 097-500-D MFG. MICHELIN          |   |
|                    |                          | TIRE PART NO. 097-500-D MFG. MICHELIN                |   |
|                    |                          | LEAR SWING PERFORMED, FOUND SATISFACTORY I.A.W. M/M  |   |
|                    |                          | NEW BRAKE PADS, LEFT AND RIGHT I.A.W. MFG. INSTRUCT. |   |
|                    |                          | PART NO. 066-10500 MFG. CLEVELAND WHEELS             |   |
|                    |                          | AND BRAKES.  |   |
|                    |                          | I FIND THIS AIRCRAFT TO BE AIRWORTHY AND MAY BE      |   |
|                    |                          | RETURNED TO SERVICE.                                 |   |
|                    |                          | Larry pier   |   |
|                    |                          | A+P 3659608  |   |

# MAINTENANCE RECORD



## F.A.R. 43.9

| DATE OF COMPLETION   | AIRCRAFT TIME IN SERVICE | DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED | AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE |
|--|--------------------------|---|---|
| 7-SEPT-14  |                          | TACH 4963.98  |   |
| I have completed an annual inspection on this airframe using the Manufacturer's check list and I.A.W. the FAR 43-13 Appendix C compression check as follows: |                          |   |   |
| #1 76/80   | #2 78/80                 | #3 76/80  | #4 76/80  |
| this aircraft is airworthy and may be returned to service.   |                          |   |   |
| JMK DuFriend<br>AIP-1575010-1A   |                          |   |   |



# MAINTENANCE RECORD

## F.A.R. 43.9

| DATE OF<br>COMPLETION | AIRCRAFT TIME<br>IN SERVICE | DESCRIPTION OF WORK PERFORMED<br>OR APPROVED DATA USED  | AGENCY & CERTIFICATE NO.<br>WORK PERFORMED/RETURNED TO SERVICE |
|-----------------------|-----------------------------|---|--|
| 3/26/2015             | ACFTT 4982.5                | N2007Q  | tach 4982.5<br>S/N 177RG-0407                                  |
|                       |                             | <p>Removed McCauley propeller Model # B2D34C207-A S/N 771389. Installed new MT propeller Model # MTV-12-B/193-53 S/N 15088 and spinner assembly P/N P-285-21 per MT Installation Instruction and AC 43.13 2a. Removed and Replaced Starter Ring Gear. Serviced right brake with 5606 hydraulic fluid.</p> <p></p> <p>Edward Fandrich A&amp;P 3453275</p> |  |
| 09/10/2015            |                             | N2007Q  | Tach 4991.08   |
|                       |                             | <p>Serviced Brakes. Installed new bushings in pilots upper door hinge. Removed and replaced left and right cabin door seals. Serviced O2 bottle. Checked rudder trim system. Serviced nose strut.</p> <p></p> <p>Edward Fandrich A&amp;P 3453275 IA</p>  |  |
|                       |                             |   |  |

09/16/2015

N2007Q

Tach 4991.08

Removed and replaced fuel selector. Installed repaired fuel selector from McFarlane see logbook entry 1/7/2015, work order 39407 for repair. Leak and operational check good.

*Edward Fandrich*  
Edward Fandrich A&P 3453275 IA



Aviation Products

Date: 10-1-2015 Part Number: 0716613-58  
Time in Service unknown hrs

This Fuel Selector valve was disassembled, cleaned, inspected, repaired, and pressure leak tested. Replaced seals and other components as listed on Job Order # 42428. Fluorocarbon O-rings per McFarlane FAA-PMA, Cessna parts, and industry standard hardware were used. This valve was determined to be acceptable for return to service for work completed.

Ben Strahm

Certificate # A&amp;P 3053050

Aircraft: N2007QDate: 14 MAR 15

I certify that the altimeter(s) and static system(s) tests required by 14 CFR 91.411 and transponder tests, including data correspondence, required by 91.413 have been performed and found to comply with 14 CFR Part 43, Appendix E and F.

Altimeter S/N(s): Left: 5164 - INST.Right: AS-EN EFISTransponder S/N(s): Left: NARight: BAHAM 67K330System(s) inspected to 20000 feet MSL.Express Avionics work order: 3583

*W.D.*  
Express Avionics LLC  
Phone: 623-687-1805

CRS# XXZR035Y

10/02/2015  
ACFTT 4993.42

N2007Q

Tach 4993.42  
S/N 177RG0407

Performed an annual Inspection on the aircraft per Far 43 appendix (d), using the Against The Wind LLC. checklist. Complied with ELT inspection per FAR 91.207d, due again 10-2016. ELT battery due for replacement August 2018. Checked AD compliance through 10/2015. Disassembled and replaced spindle bolts and bushing, and bushing and bolt in nose gear steering. Checked rigging on rudder trim system, operational check good. Rebuilt stabilator trim actuator, replaced all connection hardware, and replaced aft rod end, operational check good. Complied with AD 11-10-09 per AD instructions at Tach 4993.42 10/2015, Due again at Tach 5093.42 or

10/2015. Removed and replaced fuel selector. Installed original fuel selector, repaired by McFarlane Aviation. See log entry dated 10/01/2015. I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be airworthy at this time and date.



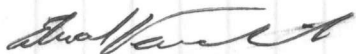
Edward Fandrich A&P 3453275 IA

4/22/2016

N2007Q

Tach 500.72

Serviced nose strut with nitrogen. Installed new carpet in cabin. Removed and replaced cabin door seals. Installed new Concorde battery RG-35AXC s/n 40790632. Installed covers over forward end of lower cowl louvers per General Aviation Modifications Inc drawing 77-1050014. Removed rear seat and revised weight and balance. Removed and replaced right cabin door latch mounting plate. Fabricated new plate of 2024 T3 .032 aluminum sheet. See 337 dated 4/22/2016.



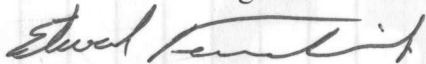
Edward Fandrich A&amp;P 3453275 IA

06/01/2016

N2007Q

Tach 5002.87

Installed new oil cooler and ducting per General Aviation Mod. Inc drawings #77-1050024 and #77-1050005. Removed and replaced left brake swivel. Installed serviceable swivel P/N 1280111-1. Leak and operational check good.



Edward Fandrich A&amp;P 3453275 IA

AGENCY & CERTIFICATE NO.  
WORK PERFORMED/RETURNED TO SERVICE


11/22/2016  
ACFTT 5019.42

N2007Q

Tach 5019.42  
S/N 177RG0407

Complied with an annual inspection per CFR 43 appendix D, using Against The Wind checklist. Inspected ELT per ~~CFR~~ 91.207 (d) due again 11/2017. ELT battery due replacement Aug 2018. Checked AD compliance thru 11/16/2016. Complied with AD 2011-10-09 by inspection of seats and seat tracks per AD instructions. Due again at tach 5109.42 or 11/2017. Removed and replaced 2 lower cowl fastener receptacles, and adjusted lower cowl receptacles. Installed Garmin GDL39R on lower side of glove box. Installed Rami AV-74 antenna in existing DME antenna position. Serviced and bled right brake.

I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be airworthy at this time and date.



Edward Fandrich A&P 3453275 IA

MAINTENANCE RECORD

AGENCY & CERTIFICATE NO.  
WORK PERFORMED/RETURNED TO SERVICE

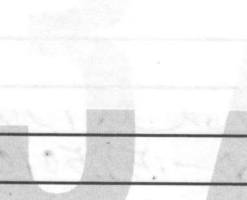
N2007Q

**A.R. 43.9**

G-0407 NOV 8 1994

G-0407

Handwriting practice lines with cursive letters 'a' and 'c'.



Edward Fandrich A&P 3453275

[illegible]

DATE 10/9/2017  
REG N2007Q  
MODEL 177RG  
SER # 177RG0407

FALCON EXECUTIVE AVIATION, INC.  
4766 E. FALCON DR.  
MESA, ARIZONA 85215

WO# SVC-8109  
TACH 5033.82

FAA APPROVED REPAIR STATION NO. X0FR185J

### AVIONICS LOG ENTRY

1. Removed Altimeter P/N 5934P-1A.83, S/N B4925 and installed P/N 5934P-1A.83, S/N 3B402 overhauled by Mid-Continent Instruments+Avionics CRS: OL2R061L. Ref: FAA 8130-3 WO #312495 dated 28/Aug/2017 supplied for details.
2. I certify that the **Pilot's static/altimeter systems test** required by 14 CFR 91.411 have been performed, this date and that the static/altimeter system meets the requirements of 14 CFR Part 43, Appendix E. **Tested to 20,000 Feet.**
3. I certify that the **Standby static/altimeter systems test** required by 14 CFR 91.411 have been performed, this date and that the static/altimeter system meets the requirements of 14 CFR Part 43, Appendix E. **Tested to 20,000 Feet.**
4. I certify that the **Transponder** tests required by 14 CFR 91.413 have been performed, this date, and that the Mode S transponder meets the requirements of FAR Part 43 and paragraph (c), Appendix E.  
Transponder Model: GTX330ES, S/N 84143748
5. The work identified above was performed in accordance with current Federal Aviation Regulations and found to be airworthy for return to service.

AUTHORIZED SIGNATURE:  CRS X0FR185J

Pertinent details of work accomplished on this aircraft are on file at this agency under work order SVC-8109.

-----END-----



DATE 10/9/2017

FALCON EXECUTIVE AVIATION, INC.

W.O. # SVC-8109

REG N2007Q

4766 E. FALCON DR.

TACH 5033.82

MODEL 177RG

MESA, ARIZONA 85215

SER # 177RG0407

FAA APPROVED REPAIR STATION NO. X0FR185J

### AVIONICS LOG ENTRY

1. Removed Garmin GTX330 Transponder P/N 011-00455-00, S/N 84143748 and installed GTX330ES P/N 011-00455-60, S/N 84143748 after upgrade to ES by Garmin International CRS: G6SR582Y. Ref: FAA 8130-3 WO #RMA 98605940.  
Installed GTX330ES in existing GTX330 mounting rack using existing connector and transponder antenna. Power provided from avionics buss through existing 5 amp circuit breaker labeled "TXP" located below copilots yoke. Configured existing Garmin GTN650 to provide GPS position data to GTX330ES. FAA approved Airplane Flight Manual Supplement and Instructions for Continued Airworthiness provided to owner.  
Installation was performed iaw associated Manufacturers Installation / Operation Manuals and Documents. There is no change in aircraft Weight and Balance or electrical load. Ref: FAA 337 Form filed for further details.
2. The installed ADS-B OUT system was shown to meet the equipment performance requirements of 14 CFR section 91.227
3. The work identified above was performed in accordance with current Federal Aviation Regulations and was found to be airworthy for return to service.

AUTHORIZED SIGNATURE:  CRS X0FR185J

Pertinent details of work accomplished on this aircraft are on file at this agency under work order # SVC-8109.

-----END-----

# MAINTENANCE RECORD F.A.R. 43.9

| DATE OF COMPLETION | AIRCRAFT TIME IN SERVICE | DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED   | AGENCY & CERTIFICATE NO.<br>WORK PERFORMED/RETURNED TO SERVICE |
|--------------------|--------------------------|---|--|
| 28-NOV-17          | Tach 4733.77             | <p>Complied with an annual inspection using the FAR 43.13 AD and the Manufacturers check list complied with AD 2011-10-09. Seat Ra and Seats OK. ELT checks OK. Batterys Due for Replacement Aug-18 this A/C is airworthy and may be returned to service</p> <p>JWH in Friend<br/>OASD-1575010-1A</p> |  |
|                    |                          | <p>END</p>  |  |

# MAINTENANCE RECORD

## F.A.R. 43.9

| DATE OF<br>COMPLETION | AIRCRAFT TIME<br>IN SERVICE | DESCRIPTION OF WORK PERFORMED<br>OR APPROVED DATA USED | AGENCY & CERTIFICATE NO.<br>WORK PERFORMED/RETURNED TO SERVICE |
|-----------------------|-----------------------------|--|--|
|-----------------------|-----------------------------|--|--|

**TORNADO ALLEY TURBO INC.**

**300 AIRPORT RD**

**ADA, OK 74820**

**N2007Q CESSNA 177RG SN: 177RG0407**

**HOBBS: 4986.0**

**TACH: 4743.0**

**LYCOMING IO-360-A3B6 SN: L-30479-51AC ENG TT: 1535.0 ENG TSMO: 0.0**

REMOVED LYCOMING IO-360-A1B6D S/N L-11259-51A AND INSTALLED WESTERN SKYWAYS OVERHAULED LYCOMING IO-360-A3B6 S/N L-30479-51AC WITH NEW ENGINE MOUNT ISOLATORS. TURBO SYSTEM OVERHAULED AND REINSTALLED USING TORNADO ALLEY TURBO INSTALLATION INSTRUCTIONS 77-6760001, REV H 14 SEP 2015, MASTER DRAWING LIST D-177RG-100 REV J, 19 NOV 2015 AND CESSNA SERVICE MANUALS. REFER TO AIRPLANE FLIGHT MANUAL SUPPLEMENT AFMS C-177RG SYS III AND 77-6460004 FOR OPERATION AND CONTINUED AIRWORTHINESS.

INSTALLED O/H FUEL PUMP 103586-01 S/N 0DMH01

INSTALLED O/H FUEL SERVO 2524054-11 S/N 70DN2602

INSTALLED O/H WASTEGATE 470842-9004 S/N TKR0104P

INSTALLED O/H ALTERNATOR DOFF10300J S/N H-R060810

INSTALLED O/H MP CONTROLLER 470688-9005 S/N NFN00065

INSTALLED O/H PROP CONTROLLER C290D2J/T11 S/N 732069

INSTALLED O/H TURBOCHARGER 466642-9005 S/N H-OER00057

REFURBISHED AND REINSTALLED EXHAUST MANIFOLDS, WASTEGATE MANIFOLD, CABIN HEATER, TAIL PIPE.

INSTALLED ALL NEW TURBOCHARGER AND EXHAUST GASKETS AND HARDWARE. INSTALLED NEW V-BAND CLAMP.

INSTALLED NEW FLUID CARRYING HOSES AND PROP CONTROL CABLE.

REMOVED ENGINE MOUNT FOR REPAIR, REPAINTED, REINSTALLED. REPLACED NOSE GEAR SQUAT SWITCH.

REPLACED MIXTURE CABLE BRACKET. INSTALLED INDUCTION CHECK VALVE. OVERHAULED ELEC BOOST PUMP.

PERFORMED LANDING GEAR OPERATIONAL CHECK. SERVICED NOSE STRUT AND BRAKES

INSTALLED NEW HARTZELL HC-C2YR-1N/NG8301-5 S/N NS3624B IAW HARTZELL NO 145 & STC SA09871AC

REPLACED FRESH AIR AND HEATER SCAT TUBING. UPDATED W&B AND AFMS

RUN-UP, LEAK CHECK, OP'S, & TEST FLIGHT OK. APPROVED FOR RETURN TO SERVICE.

AIRCRAFT WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF THE FEDERAL AVIATION REGULATIONS, ADVISORY CIRCULARS, AND APPROPRIATE MANUFACTURER'S MANUALS.

WESLEY JENKINS A&P 3041696 IA

**TORNADO ALLEY TURBO, INC.**



### AIRFRAME LOG BOOK ENTRY

3 APRIL 2018

# MAINTENANCE RECORD

## F.A.R. 43.9

| DATE OF COMPLETION | AIRCRAFT TIME IN SERVICE | DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED  | AGENCY & CERTIFICATE NO.<br>WORK PERFORMED/RETURNED TO SERVICE |
|--------------------|--------------------------|--|--|
| 1-JAN-19           |                          | <p>performed an Annual Inspection on this Airframe using Cessna check list and I.A.W. the 43-13 APLX performed landing gear operations 3 cycles under outside power and 2 cycles with emergency system. All OK. The A/C is airworthy and may be returned to service.</p> <p><i>J. M. DiFuria</i></p> <p>Afp-1575019-1A</p> <p><i>END</i></p> |  |

# MAINTENANCE RECORD

## F.A.R. 43.9

03/01/2020

N2007Q

Tach 4787.53

ACFTT 4787.53

Performed an annual inspection on aircraft per CFR 43 appendix D, using Against The Wind checklist and Cessna 177RG service manual. Checked AD compliance thru 03/01/2020. Inspected ELT per CFR 91.207 (d). Due again 03/2021 Removed and replaced ELT battery pack. Installed new battery pack P/N 452-6499 rev FS/N 384602=052. Operational check good. Battery due replacement Mar. 2027. Removed left and right brake swivels. Installed new seals P/N MS28775-010 and MS 28778-3. Drained brake system and refilled with 5606 hydraulic fluid. Leak checked good. Complied with AD 2011-10-09 by inspection of seats and seat tracks. Due again at tach 4887.5 or 3/2021. Complied with AD 2015-19-07 by inspection of the fuel injector lines. Due again at tach 4887.53.

*Edward Fandrich*

Edward Fandrich A&P 3453275 IA

AGENCY & CERTIFICATE NO.  
WORK PERFORMED/RETURNED TO SERVICE

Bode Aviation, Inc. 7401 Atrisco Vista Blvd. NW, Albuquerque, NM 87120

December 07, 2020, Tach: 4803.20

**N2007Q** Cessna 177RG S/N: 177RG0407

**Airframe**

Removed Vacuum Pump P/N AA215CC, S/N 14593, and replaced with cover plate P/N SL60430. This aircraft is approved for return to service with respect to the above work performed.

Michael Cluth A&P 3380064

*Michael Cluth*

W.O.9139





# AIR ONE SYSTEMS

*"Where Quality Surpasses Your Expectations"*

Manufacture CESSNA Model 177RG S/N # 177RG0407 Reg. Number \_\_\_\_\_  
Date January 13, 2021  
Acft Time 4803.20 Heater Hobbs NA Acft Hobbs \_\_\_\_\_

## LOG BOOK ENTRY

REMOVED S-T-EC AUTOPILOT CONTROLLER PN 0131-0-3 SN 331, TURN CO-ORDINATOR PN 1394T100-14R3 SN E-12-10135 AND TRANSDUCER PN 0111 SN 1870. REMOVED WIRING HARNESS FOR AUTOPILOT. REMOVED ROLL SERVO PN 0105-R2 SN 4032, PITCH SERVO PN 0107-P5 SN 4045A. SENT BOTH UNITS TO MANUFACTURER FOR OVERHAUL. RECEIVED OHC SERVOS AND RE-INSTALLED IN AIRCRAFT IAW S-TEC 3100 INSTALLATION INSTRUCTIONS ST-963-II-0001. INSTALLED NEW S-TEC PITCH TRIM SERVO PN 0105-T9 SN 00105-1828-00010CEFGJ. INSTALLED S-TEC 3100 AUTOPILOT CONTROLLER/COMPUTER PN 01326-04-02-000 SN 01326-1828-00005 IN CENTER RADIO STACK. INSTALLED NEW WIRING HARNESS FOR A/P BY APPROACH SYSTEMS. SYSTEM 3100 INSTALLED IAW S-TEC STC# SA09747DS USING INSTALL INSTRUCTIONS ST-963-II-0001. AFMS AND ICA'S GIVEN TO CUSTOMER. FORM 337 COMPLETED. W&B AMMENDED. ALL GROUND CHECKS AND CONFIGURATIONS COMPLETED. REMOVED PS-ENGINEERING PMA 8000BT PN 050-890-0702 SN CBT 1888 AND #2 COM SL-40 PN 430-6040-203 SN 25816419. REMOVED WIRING HARNESS. INSTALLED NEW PS-ENGINEERING PAR 200B PN 050-228-0300 SN CPRB1114 AND REMOTE COM TY-91L PN 01193-00-05 SN 03974. INSTALLED NEW WIRING HARNESS FROM APPROACH SYSTEMS. REMOVED HORIZON GYRO PN 5000F-5 SN 36437G. INSTALLED UAVIONIX AV-30 STANDBY HORIZON PN UAV-1003429-001 SN 3300588. INSTALLED IN SAME LOCATION AS REMOVED. INSTALLATION DONE IAW UAVIONIX STC# SA00410BO USING INSTALLATION MANUAL PN UAV-1003947-001 REV C. AFMS GIVEN TO CUSTOMER. FORM 337 COMPLETED. W&B AMMENDED. FINAL OPS CHECK GOOD ON GROUND. REMOVED GUARDIAN CO DETECTOR PN 452-101-011 SN 92712 AND INSTALLED NEW DETECTOR PN 452-101-011RX SN 11640. OPS CHECK GOOD NO WEIGHT CHANGE. REMOVED PAI 700 VERTICAL CARD COMPASS SN UNK AND INSTALLED NEW PAI 700 SN 97162 IN SAME LOCATION. COMPASS SWUNG AND CORRECTION CARD ATTACHED TO PANEL. REMOVED ASPEN EFD 1000 PN 910-00001-001 SN 10215 AND SENT TO ASPEN FOR MAX UPGRADE. RECEIVED EFD 1000 MAX PN 910-00001-011 SN 10215. RE-INSTALLED IAW ASPEN STC# SA10822SC USING ASPEN SERVICE BULLETIN 2019-03. UPDATED MAIN SOFTWARE MAP V2.10.2 AND IOP V2.2.1 IAW STC SA 10822SC USING SERVICE BULLETIN SB 2020-01. OPS CHECK GOOD ON GROUND. NO WEIGHT CHANGE. AFMS GIVEN TO CUSTOMER. FORM 337 COMPLETED. AIRCRAFT TEST FLOWN. ALL CHECKS GOOD.

NAME: David Espinosa

Signature: \_\_\_\_\_

DATE: January 13, 2021

CRS Number \_\_\_\_\_

OECR 893K

INSPECTION RECORD  
409  
SECTION 9. DISCREPANCY LIST  
SON F  
ICE

I CERTIFY THAT THE ALTIMETER & STATIC  
SYSTEM TESTS REQUIRED BY F.A.R. PART  
91.411 HAVE BEEN PERFORMED. THE  
ALTIMETER WAS TESTED TO 20,000  
FEET ON DATE 1-13-2021.

SIGNATURE 

FAA CRS OECR 893K

STBY Altimeter

I CERTIFY THAT THE ALTIMETER & STATIC  
SYSTEM TESTS REQUIRED BY F.A.R. PART  
91.411 HAVE BEEN PERFORMED. THE  
ALTIMETER WAS TESTED TO 20,000  
FEET ON DATE 1-13-2021.

SIGNATURE 

FAA CRS OECR 893K

AV-30

I CERTIFY THAT THE ALTIMETER & STATIC  
SYSTEM TESTS REQUIRED BY F.A.R. PART  
91.411 HAVE BEEN PERFORMED. THE  
ALTIMETER WAS TESTED TO 20,000  
FEET ON DATE 1-13-2021.

SIGNATURE 

FAA CRS OECR 893K

#1 PFD



ATC TRANSPONDER TESTS REQUIRED BY FAR  
91.413 WERE PERFORMED AND COMPLY WITH FAR  
43, APP.F, ON MODEL RTX330 S/N  
84143748 CORRESPONDENCE CHECK REF.

91.217 N 2007Q DETAILS ON THIS  
INSPECTION ON FILE UNDER THIS REPAIR STATION  
ON W/O 8844

D. Espinosa 1-13-2021 SIGN

ATURE DATE FAA CRS

OECR 893K

ORD  
09

TION-STATUS & DISCREPANCY LIST  
APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE

Flight Test Date: 11 JAN 21 Location: Area .5 Complete: Yes ☒ No

Flight Test Date: 12 JAN 21 Location: Area 1.4 Complete: Yes ☒ No

Flight Test Date: 12 JAN Location: Area 1.2 Complete: Yes ☒ No

I certify I have conducted a post-maintenance/installation test flight IAW 14 CFR 91.407(b) and find the installation has not adversely affected the aircraft flight characteristics or substantially affected the operation of this aircraft in flight.

[Signature]  
David J. McVinnie, 2731120ATP

Date: 12 JAN 21

## INSPECTION RECORD

05/01/2021

Tach 4809.8

N2007Q

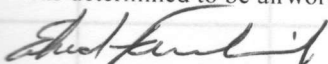
ACFTT 4809.8

S/N 177RG0407

SERVICE

Performed an annual inspection on aircraft per CFR 43 appendix D, using Against The Wind checklist and Cessna 177RG maintenance manual. Checked AD compliance thru 05/01/2021. Inspected ELT per CFR 91.207 (d). Due again 04/2022. Battery due for replacement Mar. 2027. Removed and replaced aircraft battery. Installed new Concorde P/N RG-35AXC. Complied with AD 2011-10-09 by inspection of seats and seat tracks. Due again at tach 4909.8 or 5/2022. Removed and replaced nose gear retract hydraulic line from hose to actuator. Installed new line P/N 2080117-28. Leak checked good. Removed and replaced induction air filter. Installed new Brackett Air Filter P/N BA 5705. Removed and replaced left wing fuel sump drain valve. Installed new sump drain valve P/N 06-00989 (S2020-3). Removed and replaced battery box cover. Installed new battery box cover P/N K0512167-27.

I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be airworthy at this time and date.



Edward Fandrich A&amp;P 3453275 IA

# INSPECTION RECORD

## F.A.R. 43.11-91.409

AIRCRAFT TIME

KIND OF INSPECTION-STATUS & DISCREPANCY LIST

DATE

09/21/2022  
Tach 4813.32

N2007Q

ACFTT 4813.32  
S/N 177RG0407

Performed an annual inspection on aircraft per CFR 43 appendix D, using Against The Wind checklist and Cessna 177RG maintenance manual. Check AD compliance thru 09/22/2022. Inspected ELT per CFR 91.207 (d). Due again 9/2023. Battery due replacement Mar. 2027. Repaired left aft nose gear door and installed a new hinge. Complied with Cessna SEL-57-07 by visual and eddy current inspection of the carry thru spar. See Crosspoint testing Field Inspection Report # 2209010 for eddy current test results. Complied with AD 2011-10-09 by inspection of pilots seats and seat tracks. Due again 4913.32 or 09/2023. Fabricated and installed left nose gear door bumper on lower cowl. Reseal lower nose strut. Installed new o-rings P/N MS28775-329 and MS28775-228. Serviced with 5606 hydraulic fluid and air to 38 psi.

I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be airworthy at this time and date.



Edward Fandrich A&P 3453275 IA

# INSPECTION RECORD

F A R 4311-01-100

10/17/2023

N2007Q

ACFTT 4814.25

Tach 4814.25

S/N 177RG0407

SERVICE

Performed an annual inspection on aircraft per CFR 43 appendix D, using Against The Wind checklist and Cessna 172RG service manual. Checked AD compliance thru 10/17/2023. Inspected ELT per CFR 91.207 (d). Due again 10/2024. Battery due replacement 03/2027. Removed and replaced left wing fuel tank sump drain. Installed new drain P/N S2020-3. Leak checked good. Removed left and right main gear legs and resealed brake assemblies. Removed from N2007Q Hartzell propeller Mod. HC-C2YR-1N/NG8301-5 S/N NS3624B, PTT is 71.25 hours. Reinstalled on N2007Q MT propeller Mod. MTV-12-B/193-53 S/N 15088 and spinner per MT installation instructions. PTT is 61.5 hours. Complied with AD 2011-10-09 by inspection of seats and seat tracks. Due again at tach 4914.25 or 10/2024.

I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be airworthy at this time and date.



Edward Fandrich A&P 3453275 IA

# INSPECTION RECORD

## F.A.R. 43.11-91.409

KIND OF INSPECTION-STATUS & DISCREPANCY LIST

SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE



BlüSky Avionics, LLC

P.O. Box 81923

Bakersfield, CA 93380

CRS# 8BUR043C

Date: 9-15-23

N# 2007Q

Hobbs: T= 4814.25

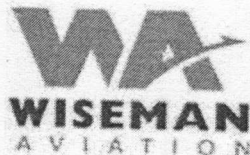
WO# 2431

I certify that the altimeter and static system have been inspected as required by FAR 91.411. The altimeter and static system were tested to 20,000 feet and found to meet the specs of FAR 43

Appendix E. The transponder was inspected in accordance with FAR 91.413 and found to conform to FAR 43 Appendix F.

Ronald E. Opfergelt

*[Signature]* <sup>CRS#</sup>  
8BUR043C



2650 W Shamrell Blvd  
Flagstaff Pulliam Airport  
Flagstaff, AZ 86001  
928.779.9585 Phone  
928.779.9586 Fax

**N2007Q**

*Airframe*

Tach: 4822.62

WO# 1706

AFTT: 4822.62

SN: 177RG0407

**March 13<sup>th</sup>, 2024**

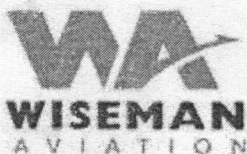
→ Removed MT Propeller MTV-12B, SN: 150188 TSMOH: 69.87, All Engine Accessories, Lycoming Engine IO-360-A1B6, SN: L-30479-51AC TSMOH: 74.25, Nose gear assembly, and Engine Mount for Inspection due to Nose Gear failure and Propeller Strike during landing. All work was performed in reference to the Cessna 177RG Service Manual, Lycoming IO-360 Maintenance Manual, General Aviation Modification STC SA4081NM/SA4082NM ICA Doc # 77-6460004 Rev. D, MT Propeller maintenance manual.

Luke Thompson 4046960 A&P *Luke T*

Ray Manquero 4878327 P *R*

PANCY LIST

MOVING AIRCRAFT FOR SERVICE



2650 W Shamrell Blvd  
Flagstaff Pulliam Airport  
Flagstaff, AZ 86001  
928.779.9585 Phone  
928.779.9586 Fax

**N2007Q**

*Airframe*

Tach: 4822.62

WO# 1706

AFTT: 4822.62

SN: 177RG0407

**August 21, 2024**

→ Re-installed Magnetic Particle Inspected Engine Mount, Landing Gear Nose assembly, Repaired Lycoming Engine IO-360-A1B6, SN: L-30479-51AC, TSMOH: 79.62 ETT 1514.62, all Engine Accessories including Overhauled Oil Cooler PN: 8001956, SN: 5680035, Flushed oil system lines, New Tornado Alley RH Exhaust Assembly PN: 77-6850008, Tornado Alley New Tail Pipe Assembly PN: 77-6850010, and Overhauled Hartzell Propeller PN: HC-C2YR-1N/NG8301-5, SN: NS3624B, TSMOH: 0.0, TTSN: 71.25 onto the Airframe SN: 177RG0407. Ref. 8130-3's and Maintenance Work Orders.

→ Removed and disassembled damaged lower engine cowling assembly. Re-assembled lower engine cowling by installing a serviceable bottom cowling skin PN: 2052000-10; all existing serviceable airducts and louvers from the old assembly by utilization of solid AN470AD-3 and -4 rivets. Replaced Nose Gear door with Serviceable Nose gear door assembly PN: 205200-5. Cowling was repainted to match existing paint scheme and color. Ref. Form 337 Dated: 8/21/24.

→ Inspected engine firewall, rubber mounts and steel tube frame for damage.

→ Removed worn Bottom RH engine cowling fastener mount and installed new mount PN: SK2003-42A. Repaired Bottom RH engine cowling mount bracket.

→ Performed Landing Gear Rigging Checks.

→ Performed 10 Landing Gear Retraction and Extensions and 10 emergency extensions. Landing Gear Operation satisfactory.

All work was done in reference to the Cessna 177RG Service Manual, Lycoming IO-360 Maintenance Manual, General Aviation Modification STC SA4081NM / SA4082NM ICA Doc# 77-6460004 Rev. D, Hartzell Propeller Manual 145 Rev. 24, the General Aviation Modification STC SA09871AC ICA Doc# 77-7560003 Rev. A, and the AC43.13-1B, Ch. 4 Sec. 4, and was found to be in an airworthiness condition.

→ Randall T Hamilton 2740756 IA/AP

→ Luke Thompson 4046960 A&P

→ Ray Manquero 4878327 P

AGENCY LIST  
PROVING AIRCRAFT FOR SERVICE



2650 W Shamrell Blvd  
Flagstaff Pulliam Airport  
Flagstaff, AZ 86001  
928.779.9585 Phone  
928.779.9586 Fax

**N2007Q**

*Airframe*

Tach: 4828.02

WO# 1938

**September 13, 2024**

→ Adjust microswitch for landing gear warning to sound around 12 inches of manifold pressure.

All work was done in reference to the Cessna 177RG Service Manual

Ray Manquero 4878327 A&P





2650 W Shamrell Blvd  
Flagstaff Pulliam Airport  
Flagstaff, AZ 86001  
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928.779.9586 Fax

**N2007Q**

Tach: 4832.87

*Airframe*

TTAF: 4832.87

WO# 1959

**October 21, 2024**

Completed annual inspection in accordance with Cessna 177RG series manual.

- Serviced battery, brakes, wheel bearings and fuel screens.
- Lubed flight controls, flap jack screw, and landing gear.
- Performed 5 landing gear cycles and 3 emergency extensions.
- FAR 91.207d ELT check. Next due: 10/25.

Additional Maintenance

- LNDG Warning horn goes off intermittently in flight. Found warning horn assembly T-SW circuit GC8 wire shorting to ground at junction block. Reinstalled pin and wrapped block with die-electric tape. Ops check good.
- Removed LH Wing fuel sump drain valve and installed new valve PN: S2020-3.

Airworthiness Directives

- 2011-10-09 Inspected seat tracks and seats per par. (g), next due 4932.87 TTAF or 10/25.
- 2024-14-03 Auto Pilot Sys, NA due to equipment not installed.
- AD's checked through cycle 2024-21.

I certify this aircraft has been inspected in reference to the Cessna 177RG Service Manual, and with FAR 43 appendix D and was found to be in an airworthiness condition.

Randall T Hamilton 2740756 IA/AP

Ray Manquero 4878327 A&P

Y LIST

NG AIRCRAFT FOR SERVICE

# INSPECTION RECORD

## F.A.R. 43.11-91.409

DATE

AIRCRAFT TIME  
IN SERVICEKIND OF INSPECTION—STATUS & DISCREPANCY LIST  
SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE

2650 W Shamrell Blvd  
Flagstaff Pulliam Airport  
Flagstaff, AZ 86001  
928.779.9585 Phone  
928.779.9586 Fax

N2007Q

Airframe

Tach: 4838.22

WO# 1984

November 18th, 2024

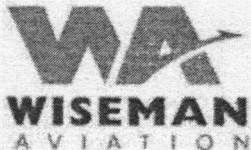
→ Turnbuckle was broken and nose gear door was bent. Both turn buckle and door were removed. Installed new inner fork PN: AN161-16LS, Clevis pin PN: MS20392-2C17, and Clevis pin PN: MS20392-2C11 on Gear door Turnbuckle. Nose gear door repair and painted. Re-install and adjusted landing gear door.

→ Performed 7 no fault gear cycles.

All work was done in reference to the Cessna 177RG Service Manual

Randall T Hamilton 2740756 AP/IA

Luke Thompson 4046960 A&P



2650 W Shamrell Blvd  
Flagstaff Pulliam Airport  
Flagstaff, AZ 86001  
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N2007Q

Airframe

Tach: 4843.92

WO# 2030

January 13<sup>th</sup> 2025

→ Removed inoperative landing gear warning microswitch and installed a new switch PN: 1SE1-3.

→ Adjust microswitch for landing gear warning to sound around 12 inches of manifold pressure.

All work was done in reference to the Cessna 177RG Service Manual

Luke Thompson 4046960 A&P



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928.779.9586 Fax

N2007Q

Airframe

Tach: 4846.27

WO# 2066

February 19<sup>th</sup> 2025

→ Throttle cable warning horn micro switch not activating. Found broken wire at Molex connection. Spliced in new wire and installed new female pins. Ops check good.

All work was done in reference to the Cessna 177RG Service Manual

Luke Thompson 4046960 A&P



2650 W Shamrell Blvd  
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Flagstaff, AZ 86001  
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928.779.9586 Fax

N2007Q

Airframe

Tach: 1858.35

WO# 2150

May 15<sup>th</sup>, 2025

-Removed/ Disassembled tire and installed new 15x6.00-6 Tube PN:097-500-0.  
Reassembled and Re-installed tire onto aircraft and serviced all tire pressures.

All work was performed in reference to the Cessna 177RG Service Manual.

→ Luke Dorman 3822492 AP

REPARANCY LIST  
APPROVING AIRCRAFT FOR SERVICE

# INSPECTION RECORD

## F.A.R. 43.11-91.409

AIRCRAFT TIME

KIND OF INSPECTION-STATUS & DISCREPANCY LIST

Registration: N2007Q

Cessna 177RG

SN: 177RG0407

*Eagle Air*  
REPAIR

**Airframe**

Date: 28JUL25

TACH: 4863.68

ACTT: 4863.68

Removed upper and lower cowl. Removed damaged nose gear door from lower cowl. Installed serviceable gear door with a new PN: 2052008-2 RT attach hinge. Placed aircraft on jacks. Identified nose gear would not release from uplock when gear switch cycled to the down position. Rigged nose gear retraction system IAW Cessna Maintenance Manual Section 5A-114. Replaced faulty nose gear down lock indicator switch. Performed several fault free gear retractions including an emergency extension. Function and leak check good. Removed aircraft from jacks.

The above work was completed IAW the current federal aviation regulation and is approved for return to service for the work accomplished  
Philip McQuaid AP2772114

*N2067D* Airframe, C177 S/N 177RG0407, Tach: 4865.72, date: 08-30-2021

Tested battery with 35 Amp load for one hour. Voltage at end of one hour was 11 volts. Battery tested good. Battery was recharged fully after the test. Aircraft returned to service. N. Hochberg A&P 1694544 *Nelson Hochberg*