

## Cessna 182RG Preflight Checklist

### Cockpit:

Remove control wheel lock

Ignition off - Key removed

### **Landing Gear Lever – DOWN**

Avionics Power Switch - Off

### **Master ON**

- Fuel Gauges
- Lower Flaps
- Landing Gear Lights
- Strobes
- Rotating Beacon
- Fuel Pump (check pressure)
- Stall Horn

### **Master OFF**

### Left Fuselage:

- Fuel sample left wing sump
- Inspect left tire & brake
- Check cargo door security

### Empennage:

- Stabilizer leading edge
- Elevator counterweight
- Elevator hinges & nuts
- Freedom of movement
- White Position Light
- Remove tail tiedown
- Left side of Fin & Rudder
- Rudder hinges & nuts
- VOR Antenna - Left
- Rotating Beacon
- VOR Antenna - Right
- Right side of Fin & Rudder
- Elevator counterweight
- Freedom of movement

### Look forward:

- Top of wings
- General appearance

### Inspect underside of Fuselage:

- Damage
- Antennas

### Right Fuselage:

- Inspect right side
- Check ELT antenna
- Check ADF antenna
- Inspect right tire & brake
- Fuel sample right wing sump

### Right Wing:

- Flap hinges
- Flap actuator
- Aileron hinges/cotter pins
- Aileron actuator
- Aileron counterweights
- Aileron freedom of movement
- Wing tip
- Position/Strobe Lights
- Check leading edge
- Remove tiedown
- Check wing strut
- Open fuel cap, check fuel level
- Replace fuel cap, check security
- Recheck wing top & antennas

### Nose:

- Right Static Source
- Drain Fuel Selector (belly drain)
- Drain Fuel Strainer four seconds
- Check oil level (>5, <8)
- Cowling - secure
- Exhaust & Cowl Flap – secure
- Cowl openings – clear
- Nose wheel strut & tire
- Prop blade - nicks, etc.
- Spinner - secure
- Engine area - debris, etc.
- Alternator belt
- Landing light(s)
- Carburetor air intake
- Exhaust & Cowl Flap – secure
- Left Static Port
- Cowling - secure

### Left Wing:

- Open fuel cap, check fuel level
- Replace fuel cap, check security
- Check wing strut
- Remove tiedown
- Check Pitot Tube
- Fuel tank vent opening
- Check leading edge
- Position/Strobe Lights
- Wing tip
- Aileron freedom of movement
- Aileron counterweight
- Aileron actuator
- Aileron hinges/cotter pins
- Flap actuator
- Flap hinges

### Night Lighting:

#### **Master ON**

- Position Lights **ON**
- Check red, white, green
- Position Lights **OFF**
- Landing/Taxi Lights **ON**
- Check on
- Landing/Taxi Lights **OFF**
- Strobe Lights **ON**
- Check on
- Strobe Lights **OFF**
- Check instrument lights
- Check all cockpit lights

#### **Master OFF**

- Check Flashlights

- Trim Tab actuator & hinges
- Stabilizer leading edge