

## Preflight Checklist - Cessna 172

### Cockpit:

- Remove control wheel lock
- Ignition off - Key removed

### **Master ON**

- Fuel Gages
- Lower Flaps
- Check Rotating Beacon
- Check Strobes

### **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
- Free movement/secure
- Remove tail tiedown
- Rudder control cables
- Elevator control cables
- Left side of Fin & Rudder
- Rudder hinges & nuts
- VOR Antenna - Left
- Rotating Beacon
- White Position/Nav Light
- VOR Antenna - Right
- Right side of Fin & Rudder
- Elevator hinges & nuts
- Elevator counterweight
- Freedom of movement
- Security
- Trim Tab actuator & hinges
- Stabilizer leading edge

### Look forward:

- Top of wings
- General appearance

### Inspect underside of Fuselage:

- Damage
- Antennas

### Right Fuselage:

- Inspect right side
- Inspect underside
- 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 Light(s)
- Check leading edge
- Remove tiedown
- Check wing strut
- Open fuel cap, check fuel level
- Replace fuel cap, check security
- Recheck wing top & antennas

### Nose:

- Check oil level (see below)
- Drain fuel strainer (3-4 seconds)
- Sample belly drain (if equipped)
- Cowling - secure
- Exhaust - secure
- Cowl openings – clear
- Engine area - debris, etc.
- Prop blade - nicks, etc.
- Spinner - secure
- Landing light
- Air cleaner
- Nose wheel strut & tire
- Cowling – secure
- Static Port - clear

### Left Wing:

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

### Night Lighting:

#### **Master ON**

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

#### **Master OFF**

- Check Flashlight

*Note: For night flights, check all lights at beginning of preflight during cockpit check.*

### Oil Quantities:

- 4949G: >4, <6
- 13329: >6, <8
- 4808F: >4, <6
- 1724Y: >4, <6

