

C172 Revised: December 2nd, 2019

**PREFLIGHT**

**Aircraft Binder:**

* POH- CHECK
* Weight & Balance Sheet- CHECK

**Aircraft General:**

* Fuel Level- CHECK
* Oil Level- CHECK (6-8 quarts)
* Pitot Tube Cover- REMOVE
* Fuel- SUMP (3 Sumps)

**Cabin:**

* Headsets- PLUG IN
* Aircraft Key- ON FUEL SELECTOR
* Airworthiness and Registration- CHECK
* Hobbs/Tach- VERIFY
* Control Wheel Lock- REMOVE
* Controls- CHECK (free and correct)
* Ignition Switch- OFF
* Avionics Master Switch- OFF
* Prop- CLEAR- Visually + Verbally
* Master Switch- ON
* Fuel Quantity Indicators- CHECK
* Flaps- EXTEND
* All Exterior Lights- ON
* Pitot Heat- ON (if applicable)
* Visually inspect lights + pitot heat (if app.)
* All Exterior Lights- OFF
* Pitot Heat- OFF (if applicable)
* Master Switch- OFF
* Alternate Static- CHECK and OFF (if installed)
* Mixture Control- IDLE CUTOFF
* Throttle- CLOSED
* Fuel Selector- BOTH
* Fire Extinguisher- CHECK (in green)
* Windscreen + Windows- Check and Clean

(Spray cleaner [dispatch] with clean rag and up-down motion only for windshield)

**Fuselage (port side):**

* Baggage Door- CHECK
* ELT Antenna- CHECK
* Port Fuselage- CHECK (cuts, dents, missing rivets)
* Fuselage Lower Surface- CHECK (cuts, dents, missing rivets)
* Wing Upper Surface- CHECK

**Empennage:**

* Horizontal & Vertical Stabilizer- CHECK
* Elevator- CHECK
* Tail Tie-Down- DISCONNECT
* Rudder- CHECK
* VOR Antenna- CHECK
* Elevator Trim Tab- CHECK

**Fuselage (starboard side):**

* Starboard Fuselage- CHECK (cuts, dents, missing rivets)
* Fuselage Lower Surface- CHECK (cuts, dents, missing rivets)
* Wing Upper Surface- CHECK

**Starboard Wing:**

* Flap- CHECK
* Aileron- CHECK
* Wingtip- CHECK
* Wing Leading Edge- CHECK
* Air Vents- CHECK
* Wing Strut- CHECK
* Wing Tie-Down- DISCONNECT

**Landing Gear (starboard side):**

* Tire/Wheel- CHECK
* Brakes/Brake Line- CHECK

**Nose (starboard side):**

* Engine Cowling- CHECK
* Avionics Cooling Scoop- CHECK (if applicable)
* Nose Wheel Steering Linkage- CHECK
* Shimmy Damper- CHECK
* Nose Wheel Strut- CHECK (3”)
* Tire- CHECK
* Exhaust- CHECK

**Nose (front):**

* Propeller- CHECK
* Spinner- CHECK
* Engine Air Inlets- CHECK
* Alternator Belt- CHECK
* Flywheel- CHECK
* Carburetor Air Filter- CHECK

**Nose (port side):**

* Engine Cowling- CHECK
* Static Port- CHECK
* Avionics Cooling Scoop- CHECK (if applicable)
* Battery Access Door- CHECK (if applicable)
* External Power Connection Port- CHECK (if applicable)
* Nose Wheel Steering Linkage- CHECK
* Nose Wheel Strut- CHECK (3”)

**Port Wing:**

* Wing Strut- CHECK
* Air Vents- CHECK
* Wing Leading Edge- CHECK
* Pitot Tube- CHECK
* Fuel Tank Vent- CHECK
* Stall Horn- CHECK
* Wing Tie Down- DISCONNECT
* Wingtip- CHECK
* Aileron- CHECK
* Flap- CHECK

**Landing Gear (port side):**

* Tire/Wheel- CHECK
* Brakes/Brake Line- CHECK

***If Leaving the Airplane:***

* *Control Wheel Lock- IN*
* *Doors- Closed*
* *Tie Downs- TIED (if windy)*
* *Chocks- INSERT*
* *Sunscreen- LEAVE IN*

**Before Flight:**

* Tie Downs- REMOVE
* Chocks- REMOVE
* Sunscreen- REMOVE
* Control Wheel Lock- REMOVE