

### Cessna 172 Preflight Checklist

Cabin/ Power On Check	
Documents	ARROW
Parking Brake	Set
Control lock	Remove
Ignition Switch	Off
Avionics	Off
Battery Master	On
Avionics	On/Fan Audible
Flaps	Down
Exterior Lights	On/Check
Pitot Heat	On/Check
Fuel Indicators	Check Quantity
Electrical Equipment	Off
Battery Master	Off

Left Wing	
Tie Down/ Chocks	Remove
Flap	Secure/ No Damage
Aileron	Secure/ No Damage
Wing Tip	Secure/ No Damage
Leading Edge	No Damage
Stall Warning Port	Clear
Pitot Tube	Clear
Fuel Vent Opening	Clear
Fuel Tank	Check Qty/ Cap secure
Fuel Sump	Drain/ Check Quality
Landing Gear	Secure/ Tread /Inflation
Brakes	Pads/ No Leaks

Nose	
Cowling	Secure/ No Damage
Static Port	Clear
Nose Wheel	Secure/ Tread /Inflation
Wheel Strut	Check Height
Towbar/ Chock	Remove
Prop/ Spinner	Secure/ No Damage
Air Inlets/ Filter	Clear
Alternator Belt	Secure/ No Damage
Engine Oil	Check Qty.
Fuel Strainer	Check

Right Wing	
Tie Down/ Chocks	Remove
Landing Gear	Secure/ Tread /Inflation
Brakes	Pads/ No Leaks
Fuel Tank	Check Qty/ Cap secure
Fuel Sump	Drain/ Check Quality
Leading Edge	No Damage
Wing Tip	Secure/ No Damage
Aileron	Secure/ No Damage
Flap	Secure/ No Damage

Fuselage/ Empennage	
Antennas	Check
Elevators	Secure/ No Damage
Rudder	Secure/ No Damage
Tie Down	Remove
Baggage Door	Secure

Before Start	
Preflight	Complete
Parking Brake	Set
Passenger Brief	Complete (SAFETY)
Seats/ Seatbelts	Secure
Cabin Doors/ Windows	Locked
Circuit Breakers	Check In
Electrical Equipment	Off
Fuel Selector	Both

Starting	
Mixture	Full Rich
Throttle	Open 1/8 inch
Carb. Heat	In (Off)
Prime	As Req. (2-6 pumps)
Master Switch	On
Beacon Light	On
Propeller Area	Clear
Ignition Switch	Start
Oil Pressure	Check
Throttle	1000RPM
Amps	Check

### Cessna 172 Flight Checklist

Taxi	
Avionics	On
Flaps	Up
Weather	Obtain
Radios	Set
Flight Instruments	Set/ Check
Lights	As Required
Parking Brake	Off
Brakes	Check
Taxi Clearance	Obtain

Before Takeoff	
Parking Brake	Set
Seats/ Seatbelts	Secure
Cabin Doors/ Windows	Locked
Flight Controls	Free/ Correct
Flight Instruments	Set/ Check
Trim	Set T/O
Fuel Quantity	Check
Fuel Selector	Both
Mixture	Rich
Brakes	Hold
Throttle	1700RPM
Magnetos	Check (125/50)
Carb Heat	Check
Engine Instruments	Check
Ammeter	Check
Suction Gage	Check
Throttle	Idle/ 1000RPM
COM/ NAV/ GPS	Set
Pitot Heat	As Required
Lights	Strobe/ Landing On
T/O+ Emergency Brief	Complete

Takeoff	
Flaps	Up
Carb Heat	Off (In)
Throttle	Full
Engine Instruments	Check
Airspeed	Alive
Elevator Control	Rotate Smoothly
Climb (W/ Obstacles)	Vx until clear
Climb	Vy

Climb	
Power	Set
Airspeed	Vy (+10 Enroute climb)
Mixture	Lean Max RPM (>3kMSL)
Trim	Set
Engine Instruments	Monitor

Cruise	
Power	Set
Pitch Attitude	Set
Trim	Set
Mixture	Lean
Lights	As Required
Engine Instruments	Monitor
Fuel Qty/ Balance	Monitor

Descent	
Weather	Obtain
Flight Instruments	Checked/ Set
Mixture	Rich
Carb Heat	On Under 1500RPM
Landing Light	On

Before Landing/ Pattern	
Fuel Selector	Both
Mixture	Rich
Carb Heat	On (Out)
Seats/ Seatbelts	Secure
Flaps	As Required

After Landing	
Flaps	Up
Carb Heat	Off (In)
Lights	As Required

Shutdown	
Parking Brake	Set
Throttle	1000RPM
Mixture	Cut-Off
Switches	Off (Right to Left)
Ignition	Off/ Out
Postflight Inspection	Complete
Secure Plane	As Necessary



This checklist does not intend to replace any aircraft flight manual. Use of this checklist assumes that the user is familiar with and follows procedures listed in each aircraft's respective manual.