

-C172SP Checklists-

Flight Planning

Weather	VFR, above personal minimum
Navlog	Waypoints, times, dist, airspace
Airport info	Elev, TPA RWs, radio, remarks
Fuel	Climb, cruise, reserve, cont.
Weight and balance	T/O weight, balance
Runway	Wind, head/cross, required Lnth

Before engine start

Passenger briefing	Seatbelts - loose items - fire extinguisher - first aid kit - ELT - other equipment - nausea - exits - emergencies - sterile cockpit - no smoking - phone airplane mode.
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Pilot briefing	Weather - expected RW and taxi - RW length and required - departure - enroute - arrival - arrival RW and length required.
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Circuit breakers	In
Beacon light	On
Avionics master	Off
Fuel selector valve	Both
Fuel shutoff valve	On
Parking brake	Set

After engine start

Throttle	1000 RPM
Mixture	Lean
Oil pressure	Green
Alternator	On, charging
Flaps	Up
Annunciator panel	Extinguished

Before takeoff

Departure briefing	RW number / length / required - T/O procedure - emergencies - departure.
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Runup	Completed
Flight and engine instruments	Checked
Flight controls	Checked
Trim	Set for T/O
Mixture	Set for T/O
Flaps	Set for T/O
Fuel	Checked
Departure briefing	Completed

-Normal Procedures-

After takeoff

Mixture	Set for alt
Power, airspeed, trim	Set
Flaps	Up
Engine instruments	Checked

Climb, cruise and descent (every 10 min or waypoint)

Fuel	Check
Engine instruments	Check
Mixture	Set for alt
Power, airspeed and trim	Set
Pitot heat	As required
Annunciator panel	Extinguished
Navlog	Check
Clock	Check
Heading	Check and verify
Weather	Obtain
Altitude	Set QNH

Before final descent

Approach briefing	Airport - elevation - RW / length / required - approach procedure - landing procedure - TPA - radio - taxi route
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Before landing

Parking brake	Released
Landing light	On
Mixture	Set for landing
Flaps	Set for landing
Heading	Verify RW heading

After landing

Flaps	Up
Landing and strobe lights	Off
Pitot heat	Off
Mixture	Lean

After shutdown

Parking brake	As required
Avionics master	Off
Throttle / mixture	Idle / cutoff
Magnetos	Off
Master BAT / ALT	Off
External lights	Off except beacon
Trim	T/O
Fuel tank selector	Left or Right
Covers / chocks / tiedowns	As required