



C172 SP NAV II Preflight Checklist



PREFLIGHT

CABIN

Pitot Tube Cover.....REMOVE
Registration/Airworthiness.....CHECK
POH/Weight & Balance.....CHECK
Parking Brake.....SET
Control Wheel Lock.....REMOVE
MAGNETOS.....OFF
AVIONICS.....OFF
MASTER.....ON
BEACON.....ON
FUEL QTY.....CHECK
Flaps.....DOWN
Annunciator Panel Switch.....TEST
Ldg/Taxi/Nav/Strobe.....ON/CHECK
MASTER.....OFF
Elevator Trim.....Set T/O
FUEL SELECTOR.....BOTH
FUEL SHUTOFF.....IN
ALT STATIC.....OFF
FIRE EXTINGUISHER.....CHECK

EMPENNAGE

Baggage Door.....CHECK
Autopilot Static Source.....CHECK
Control Surfaces.....CHECK
Elevator Trim.....CHECK
Antennas & Static Wicks.....CHECK

RIGHT WING

Flap.....CHECK
Aileron.....CHECK
Tire/Brakes.....CHECK
Fuel Tank Sump Valves.....DRAIN
Fuel quantity.....CHECK

NOSE

Fuel Tank Sump Valves.....DRAIN
Oil Dipstick.....CHECK
Engine Cooling Air Inlets.....CLEAR
Alternator Belt.....SECURE
Propeller/Spinner.....CHECK
Air Filter.....CHECK
Nosewheel Strut/Tire.....CHECK
Static Source.....CHECK

LEFT WING

Pitot Tube.....CHECK
Fuel Tank Vent Opening.....CHECK
Stall Warning Opening.....CHECK
Fuel Quantity.....CHECK
Fuel Tank Sump Valves.....CHECK
Tire/Brakes.....CHECK
Aileron.....CHECK
Flap.....CHECK



C172 SP NAV II Normal Checklist



BEFORE START

Passenger Briefing.....COMPLETE
Seats/Seat Belts.....SECURED
Circuit Breakers.....IN
AVIONICS.....OFF
FUEL SELECTOR.....BOTH
FUEL SHUTOFF.....IN

ENGINE START

MASTER.....ON
Prime.....AS REQUIRED
THROTTLE.....1/4th INCH
Propellor Area.....CLEAR
Starter.....ENGAGE
Mixture.....FULL RICH
Throttle.....1000 RPM
Oil Pressure.....GREEN ARC
LOW VOLTS Annunciator.....CHECK
Mixture.....LEAN

BEFORE TAXI

AVIONICS.....ON
Flight Instruments.....CHECK/SET
Autopilot/Electric Trim.....CHECK
Flaps.....UP

RUN UP

Parking Brake.....SET
Flight Controls.....FREE/CORRECT
Windows.....CLOSED
FUEL SELECTOR.....BOTH
Mixture.....FULL RICH
THROTTLE.....1800 RPM
Magnetos.....150/50
Engine Inst/Annunciators.....CHECK
Throttle Idle.....675 RPM MIN
Throttle.....1000 RPM
Mixture.....LEAN

BEFORE TAKEOFF

Departure Briefing.....COMPLETE
FUEL SELECTOR.....BOTH
Flaps.....VERIFY/SET
Elevator Trim.....T/O
Instruments/Bugs.....CHECK/SET
Autopilot (if installed).....OFF
Cabin doors/windows.....LATCHED
Parking Brake.....RELEASED

CLIMB

Flaps.....UP
Climb Power.....SET
Mixture.....AS REQUIRED

CRUISE

Cruise power.....SET
Mixture.....LEAN
Lights.....AS REQUIRED

DESCENT

Arrival Briefing.....COMPLETE
FUEL SELECTOR.....BOTH
Mixture.....ENRICHEN
Instruments/Bugs.....CHECK/SET
Lights.....ON
Seatbelts.....ON

AFTER LANDING

Flaps.....UP
Elevator Trim.....T/O
Mixture.....LEAN
Lights.....AS REQUIRED

SHUTDOWN

Parking Brake.....SET
Throttle.....1000 RPM
AVIONICS.....OFF
Nav Lights.....OFF
Mixture Control.....IDLE CUTOFF
Ignition Switch.....OFF

FREQUENCIES

Air America Flight Center – 122.9

ATIS – 132.875

KDAB Clearance – 119.3

KDAB Ground – 121.9

KDAB Tower 120.7/118.1

KDAB N. App. 4000'-7500' – 118.85

KDAB S. App. 3500' or less – 125.35

KDAB N. App. 3500' or less – 125.8

KDAB S. App 4000'-7500' – 127.075

S. Practice Area – 123.5

N. Practice Area – 122.85

Flt Service St. Pete (24H) – 122.4 / 122.65 /(800)
992-7433

Emergency – 121.5



C172 SP NAV II Emergency Checklist



ENGINE FAILURE DUR. T/O ROLL

Directional Control.....MAINTAIN
Throttle.....CLOSE IMMEDIATELY
Brake.....AS REQUIRED
Flaps.....VERIFY 0 (RETRACT)
Mixture Control.....IDLE CUTOFF
Ignition Switch.....OFF
Master.....OFF

ENGINE FAILURE AFTER T/O

Airspeed.....70 KIAS (flaps up) / 65 KIAS (flaps down)
Throttle.....CLOSE IMMEDIATELY
Fuel Shutoff Valve.....OFF
Mixture Control.....IDLE CUTOFF
Flaps.....AS REQUIRED
Ignition Switch.....OFF
Master.....OFF
Cabin Doors.....UNLATCH
Land.....STRAIGHT AHEAD

ENGINE FAILURE DUR. FLIGHT

Airspeed.....68 KIAS
Flaps.....UP
Landing Site.....SELECT
FUEL SELECTOR.....VERIFY BOTH
FUEL SHUTOFF.....IN FULLY
Mixture Control.....FULL FORWARD
Auxiliary Fuel Pump.....ON
Ignition Switch.....BOTH (start)

If the engine fails to start:

Airspeed.....68 KIAS
FUEL SELECTOR.....VERIFY BOTH
FUEL SHUTOFF.....IN FULLY
Mixture.....IDLE CUTOFF (slowly)
Throttle.....FULL FORWARD (slowly)
Auxiliary Fuel Pump.....OFF
Ignition Switch.....BOTH (start)

If the engine fails to start:

Transponder.....7700
Radio.....121.5

EMERGENCY LANDING W/O POWER

Passenger seats.....UPRIGHT
Seatbelts.....ON
FUEL SHUTOFF.....OFF
Mixture.....IDLE CUTOFF
Flaps.....30 RECOMMENDED
ELT.....ACTIVATE
Ignition Switch.....OFF
Master.....OFF
Cabin Doors.....UNLATCH
Touchdown.....SLIGHTLY TAIL LOW
Brakes.....APPLY HEAVILY

ENGINE FIRE IN FLIGHT

Mixture.....IDLE CUTOFF
FUEL SHUTOFF.....OUT FULLY
Auxiliary Fuel Pump.....OFF
Master.....OFF
Cabin Vents.....OPEN AS NEEDED
Cabin Air/Heat.....OFF
Airspeed.....INCREASE 100 KIAS/EXTINGUISH
Forced Landing.....EXECUTE

CABIN FIRE IN FLIGHT

Master.....OFF
Cabin Vents/Air/Heat.....CLOSE
Fire Extinguisher.....DISCHARGE
Cabin Vents/Air/Heat.....OPEN
Airport.....LAND

ELECTRICAL FIRE IN FLIGHT

Master.....OFF
Cabin Vents/Air/Hea.....CLOSE
Fire Extinguisher.....DISCHARGE
Avionics.....OFF
Cabin Vents/Air/Heat.....OPEN

WING FIRE IN FLIGHT

Ldg/Taxi Lights.....OFF
Navigation Lights.....OFF
Strobe Lights.....OFF
Pitot Heat.....OFF
Perform a forward slip to keep flames away from the aircraft.