

# CESSNA 172 180 HP CS PROP QUICK REFERENCE CHECKLIST

for use only with an approved cessna checklist

## PREFLIGHT

### **CABIN**

Required Documents.....ABOARD  
Control Wheel Lock.....REMOVE  
Ignition Switch-Avionics.....OFF  
Master Switch.....Prop Clear-ON  
Fuel Quantity.....CHECK  
Flaps.....DOWN  
Lights and Pitot heat.....CHECK  
Master Switch.....OFF  
Fuel Selector Valve.....BOTH  
Clock.....SET

### **EMPENNAGE**

Rudder Gust Lock.....REMOVE  
Control Surfaces.....CHECK

### **RIGHT WING**

Aileron & Flap.....CHECK  
Fuel Quantity.....CHECK-Secure Cap  
Main Wheel Tire & Brake.....CHECK  
Fuel Tank Sump.....Drain-Check Sample

### **NOSE**

Oil.....CHECK **Minimum** 6 Quarts  
Fuel Sump.....Drain-Check Sample  
Alternator / Belt.....CHECK  
Propeller & Spinner.....CHECK  
Landing Lights.....CHECK  
Air Filter.....CHECK  
Nose Wheel & Strut.....CHECK  
Static Source.....CHECK

### **LEFT WING**

Fuel Quantity.....CHECK-Secure Cap  
Pitot Tube.....CHECK  
Fuel Tank Vent.....CHECK  
Stall Warning.....CHECK  
Aileron & Flap.....CHECK  
Main Wheel Tire & Brake.....CHECK  
Fuel Tank Sump.....Drain-Check Sample

## BEFORE STARTING ENGINE

Preflight.....COMPLETE  
Passengers.....BRIEFED  
Seat Belts.....ADJUST & LOCKED  
Fuel Selector Valve.....BOTH  
Avionics & Electrical.....OFF  
Circuit Breakers.....IN  
Brakes.....SET & HOLD

## STARTING ENGINE

Mixture.....RICH  
Carb Heat.....COLD  
Prime.....2-6 STROKES  
Throttle.....OPEN 1/8 Inch  
Propeller.....FULL FORWARD  
Propeller Area.....CLEAR  
Master Switch.....ON  
Beacon.....ON  
Ignition.....START  
Oil Pressure.....CHECK-GREEN

## BEFORE TAXI

Radios.....ON  
Transponder.....STANDBY  
Flaps.....UP  
AI, Altimeter, DG.....SET  
Brakes.....TEST

## BEFORE TAKEOFF

Hand Brake.....SET  
Cabin Doors & Windows.....LATCHED  
Flight Controls.....FREE & CORRECT  
Mixture.....RICH  
Trim Tabs.....SET FOR TAKEOFF  
Fuel Selector Valve.....BOTH  
Throttle.....1700 RPM  
Magnetos.....CHECK <125 drop <50 diff.  
Carb Heat.....CHECK  
Propeller.....CYCLE 3 TIMES  
Suction Gauge.....CHECK GREEN  
Electrical Load Test.....CHECK  
Engine Instruments.....CHECK  
Fuel Pressure.....CHECK  
Aux. Fuel Pump.....CHECK  
Throttle.....1000 RPM  
Lights.....AS REQUIRED  
CHECK-Primer-Mags- Carb heat-mixture-Flaps-Trim  
Comm. Frequencies.....SET  
Nav aids.....TUNED/IDENTED  
Markers.....ON  
Transponder.....SET/ON  
D.G.....SET  
Flight Instruments.....SET  
Time.....CHECK

## CRUISE

Pitch.....SET AS REQUIRED  
Fuel Pump.....OFF  
Throttle.....SET FOR CRUISE  
Propeller.....SET FOR CRUISE  
Trim.....ADJUST  
Mixture.....LEAN AS REQUIRED  
D.G.....SET

## BEFORE LANDING

Fuel Selector.....BOTH  
Propeller.....FULL FOWARD  
Mixture.....RICH  
Carb Heat.....ON(apply before reducing power)  
Fuel Pump.....ON

## AFTER LANDING

Flaps.....UP  
Carb Heat.....COLD  
Fuel Pump.....OFF  
Transponder.....STANDBY  
Mixture.....LEAN AS REQUIRED  
Lights.....AS REQUIRED

## SHUTDOWN

Avionics & Transponder.....OFF  
Mixture.....IDLE-CUT OFF  
All Switches.....After Prop Stops- OFF  
Ignition Switch.....OFF  
Master Switch.....OFF  
Control Wheel Lock.....INSTALL  
Fuel Selector.....RIGHT OR LEFT TANK

Air Speed.....65 KIAS  
Landing Sight.....SELECTED  
Fuel Selector.....BOTH  
Mixture.....RICH  
Aux. Fuel Pump.....ON  
Carb Heat.....ON  
Primer.....IN & LOCKED  
Ignition Switch.....BOTH / START

Mixture.....IDLE -CUT OFF  
Fuel Selector.....OFF  
Master Switch.....OFF  
Cabin Heat & Air.....OFF  
Airspeed.....100 KIAS or More  
Forced Landing.....EXECUTE

Airspeed.....65 KAIS  
Mixture.....IDLE CUT OFF  
Fuel Selector Valve.....OFF  
Ignition Switch.....OFF  
Flaps.....AS REQUIRED  
Master Switch.....OFF  
Doors.....UNLATCH  
Touchdown.....TAIL LOW  
Brakes.....APPLY HEAVILY

Master Switch.....OFF  
Avionics & Electrical.....OFF  
Cabin Heat-Air Vents.....CLOSED  
Fire extinguisher.....ACTIVATE  
Vents.....OPEN  
IF FIRE IS OUT AND POWER IS NEEDED  
Master Switch.....ON  
Circuit Breakers.....CHECK  
**DO NOT RESET CIRCUIT BREAKERS**  
Avionics & Electrical.....ONE BY ONE

Avionics & Electrical.....OFF  
Alternator Circuit Breaker....CHECK IN  
Master Switch.....OFF then ON  
Low/High Voltage Light....CHECK OFF  
Avionics Power.....ON  
IF LIGHT ILLUMINATES AGAIN:  
Alternator.....OFF  
Non-Essential Electrical.....OFF  
Flight.....TERMINATE