

C-GOFD - C172RG - Checklist

PRE-START

Hobbs..... Record
 Documents Onboard
 Fire Extinguisher... Charged
 First Aid Kit..... Onboard
 PXR Briefing Complete
 Gear LeverDown
 Cowl Flaps Open
 Controls Free/Correct
 Trims Check Travel

START PROCEDURE

Fuel Selector BOTH
 Mixture Rich
 Prop Control Full Fwd
 Throttle..... 1/4 inch
 Carb Heat..... OFF
 Avionics & Elec's OFF
 Fuel Pump..... OFF
 Master ON
 Prime..... as Req & Locked
 Brakes ON
 Area..... Clear
 Starter Engage
 Oil Temp/Press..... Check
 Fuel Quantity Check
 Flaps Retract
 Circuit Breakers Check
 Radios ON & Check
 Brakes Test
 Instrument Taxi Check

RUN-UP

Brakes..... ON
 Engine Inst Check
 Throttle 1800 RPM
 Magnetos..... Check L & R
 Carb Heat..... Check
 Prop Control..... Cycle
 Mixture..... Check
 Engine Inst Check
 Idle/Carb Ht Check

PRE TAKE-OFF

Flight Inst Check
 Avionics..... Set
 Fuel Quantity..... Check
 Primer Locked
 Master ON
 Fuel PumpOFF
 Magnetos..... ON Both
 Carb Heat.....OFF
 Prop Control..... Full Fwd
 Mixture..... Rich
 Flaps0° to 10°
 Autopilot.....OFF
 Trims.....Set & Checked
 Fuel Selector ON Both
 Belts & Harness ON
 Doors/Windows Locked
 Controls..... Free/Correct
 Lights..... as REQ
 Transponder.....ALT

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DOWNWIND

Gear Down < 140kts
 Landing Gear.....Check
 Engine Inst.....Check
 Primer Locked
 Fuel Pump..... OFF
 Master ON
 Magnetos ON Both
 Carb Heat.....Check
 MixtureRich
 Autopilot OFF
 Belts & Harness ON

BASE

Throttle..... Reduce
 Prop Control Full Fwd

POST LANDING

Carb Heat..... OFF
 Flaps Retract
 Cowl Flaps OPEN
 Unnecessary Elec OFF
 TransponderSTBY

PRE-SHUTDOWN

ELT Check 121.50
 Avionics & Elec's OFF
 Live Mag..... Check (Idle)
 Mixture Full Lean

POST SHUTDOWN

Magnetos OFF
 Master OFF
 Hobbs..... Record

V SPEEDS

Knots Indicated Airspeed
 V_{LO} - Gear Operation..... 140
 V_{LE} - Gear Down 164
 V_{FE} – Flaps (0° -10°).... 130
 (10°- 30°)... 100
 V_X – Best Angle.....67
 V_Y – Best Rate84
 Normal Climb85-95
 Best Glide.....73
 V_A – Maneuvering 106
 V_{NO} – Max Structural.... 145
 V_{NE} – Never Exceed 164
 Max 90° Crosswind 15