



C172 FWN Checklist

Start

Hobbs..... RECORD
 Passenger Briefing..... COMPLETE
 Avionics Master..... OFF
 Fuel..... BOTH
 Mixture..... RICH
 Throttle..... ADJUST
 Carb Heat..... COLD
 Primer..... AS REQUIRED
 Master..... ON
 Beacon (Nav Lights)..... ON
 Brakes..... SET
 Engine (All Clear)..... START

Post-Start

Throttle..... 1000 RPM
 Oil Pressure..... CHECK
 Alternator..... CHECK
 Avionics Master..... ON
 PFD Alignment..... CONFIRM
 GTN 650 Test..... Verify Database
 GTN 650 Test..... Verify HSI Indication
 Transponder..... Verify ALT
 Lights & Switches..... AS REQUIRED
 Circuit Breakers..... CHECK
 Flaps..... UP
 Mixture..... LEAN FOR TAXI
 Compass / H.I..... CHECK
 ATIS / Taxi Clearance..... COMPLETE
 Run-up..... COMPLETE

Run-Up

Park..... INTO WIND
 Rudders..... NEUTRAL
 Brakes..... SET
 Mixture..... RICH
 Throttle..... 1700 RPM
 Mag Check..... CHECK
 Oil Pressure..... CHECK
 Mixture..... CHECK
 Carb Heat Check..... ON → OFF
 Throttle..... IDLE
 Carb Heat Check..... ON → OFF
 Throttle..... 1000 RPM
 Mixture..... LEAN FOR TAXI

Before Takeoff

Harness & Hatches..... SECURE
 Controls..... FREE & FULL
 Flaps..... SET
 Trims..... SET
 Fuel..... BOTH
 Primer..... LOCKED
 Mixture..... RICH
 Radios..... SET FOR TAKEOFF
 Transponder..... Verify ALT
 Time (Lights)..... RECORD
 Compass / H.I..... CHECK

After Takeoff

Oil Pressure..... CHECK
 Oil Temperature..... CHECK

Cruise

Power..... SET
 Mixture..... SET
 Compass / H.I..... CHECK

Before Landing

Primer..... LOCKED
 Master..... CHECK
 Mags..... SET
 Carb Heat..... CHECK
 Mixture..... RICH
 Fuel..... BOTH
 Engine Instruments..... CHECK

After Landing

Flaps..... UP
 Carb Heat..... COLD
 Lights & Switches..... AS REQUIRED
 Transponder..... Remains ALT
 Mixture..... LEAN FOR TAXI
 Time..... RECORD
 Radio..... SET FOR GROUND

Shutdown

Avionics Master (121.5)..... OFF
 Switches..... OFF
 Mags..... CHECK
 Throttle..... 1100 RPM
 Mixture..... IDLE CUTOFF
 Master..... OFF
 Mags..... OFF
 Hobbs..... RECORD
 Controls..... LOCK