

N968HC C-172L Normal Checklist

Preflight

Papers.....A.R.O.W.
 Takeoff and Landing Info
 Control Lock.....Remove
 Master.....ON
 Fuel Qty gage.....Check
 Light & FlapsON & Down
 Check lights then.....OFF
 Master.....OFF
 Circuit Breakers.....Check
 External Inspection.....Perform
 Fuel.....Qty & Sump
 Flaps.....UP

Start-up

Passenger Brief..... Perform
 Seat Belts.....ON
 Wheel Brakes.....Set
 Fuel.....Both
 Carb Ht.....OFF
 Mixture.....Rich
 Prime.....(as required)
 Throttle.....Open 1/4"
 Master.....ON
 Beacon.....ON
 Area“Clear”
 Mags.....BOTH
 Starter.....Engage

After Start

Throttle..... 1000 RPM
 Master-Alternator.....ON
 Oil Pressure.....Check
 Oil Temp.....Check
 Mixture.....Lean for Taxi
 Avionics Master.....ON
 Radios.....Set
 Lights.....As Required

Transponder.....Verify Power
 Weather/AWOS.....Check
 Brakes.....Test

Run-up

Flight Controls.....Check
 Fuel.....Both
 Trim.....for Take-Off
 Throttle.....1700 RPM
 Mixture.....Set
 Mags.....Check
 (150 max drop / 50 rpm max
 difference between mags)
 Carb Ht.....Check
 Oil Pressure.....Check
 Oil Temp.....Check
 Amps.....Charging
 Suction.....4.5 - 5.4
 Throttle.....1000 rpm (Idle)
 Instrument.....Set
 Radios.....Set
 Flaps.....as required
 Transponder.....Automatic
 Doors/Windows.....Close
 Parking Brake.....Off
 Take-Off Brief.....Perform

Take-Off/Line up

Throttle.....Full
 Rotate.....55 kts

Climb

Best Rate(Vy).....70
 Best Angle (Vx).....60

Cruise

Throttle.....Cruise Setting
 Mixture.....Set
 Landing Light.....Off

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Descent

Mixture.....Richen
 Altimeter.....Set
 Weather/AWOS.....Check

Before Landing

Fuel.....Both
 Mixture.....Rich
 Carb Ht.....Check
 Seat Belts.....ON
 Landing Light.....as required
 Airspeed flaps up.....70-75
 Airspeed flaps down.....60-65

After Landing

Flaps.....Up
 Carb Ht.....OFF
 Trim.....Take-Off
 ELT Check.....121.5

Shut Down

Lights.....OFF
 Avionics Master.....OFF
 Mixture.....Lean
 Master.....OFF
 Mags.....OFF
 Keys.....On Dash
 Control Lock.....Install

Post Flight

Secure the A/C.....Tie Down

V-Speeds (kts)

Vy -- 70
 Vx -- 60
 Va -- 106
 Vne -- 151
 Vno -- 122
 Vs -- 50
 Vso -- 42
 Vfe -- 85
 Vr -- 52

Best Glide -- 70

Max crosswind -- 15
 Take Off dist...6-3 in POH
 Landing dist...6-5 in POH

Radio Frequencies

CTAF (EQA).....122.8
 EQA AWOS.....120.87
 Lights (EQA).....122.8
 ICT Approach.....134.8

Pre-Maneuvers Checks

A -- Altitude
 C -- Clearing Turns
 E -- Engine Instruments

 Carb Heat.....Check
 Mixture.....Rich
 Fuel.....Both

