

N54165 C-172P Normal Checklist

Preflight

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

Start-up

Seat Belts.....ON
 Wheel Brakes.....Set
 Fuel.....Both
 Carb Ht.....Cold
 Mixture.....Rich
 Prime.....(as required)
 Throttle.....Open 1/4”
 Master-Battery.....ON
 Strobes or 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.....STBY
 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.....Check
 Throttle.....1000 rpm (Idle)
 Instruments.....Set
 Radios.....Set
 Flaps.....as required
 Transponder.....ALT
 Doors/Windows.....Close

Take-Off/Line up

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

Climb

Best Rate(Vy).....75 kts
 Clear Obstacle-10°flaps.....56 kts
 Best Angle (Vx).....62 kts

Cruise

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

N54165 C-172P Normal Checklist

Descent

Mixture.....Richen
 Altimeter.....Set

Before Landing

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

After Landing

Transponder.....STBY
 Carb Ht.....Cold
 Flaps.....Up
 Trim.....Take-Off
 ELT Check.....121.5

Shut Down

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

Post Flight

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

V-Speeds (kts)

Vy.....75
 Vx.....62
 Va.....99
 Vne.....158
 Vno.....127
 Vs.....44
 Vso.....33
 Vfe 10°.....110
 Vfe 10° – 30°.....85
 Vr.....55
 Best Glide.....65
 Max crosswind.....15
 Take Off dist.....5-14in POH
 Landing dist.....5-25in 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 Ht.....Check
 Mixture.....Rich
 Fuel.....Both

