

## N54165 C-172P Normal Checklist

### Preflight

Papers.....A.R.O.W.  
 Takeoff and Landing Info  
 Control Lock.....Remove  
 Master.....ON  
 Fuel Qty gage.....Check  
 Light & Flaps .....ON & 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  
 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.....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.....Check  
 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).....75  
 Clear Obstacle-10°flaps.....56  
 Best Angle (Vx).....62

### 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.....65-75  
 Airspeed flaps down.....60-70

### 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 -- 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...5-14 in POH  
 Landing dist....5-25 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

