



## CHECKLIST CESSNA 172

### 1. PREFLIGHT INSPECTION (in-cabin check)

Pitot cover ----- remove  
Tie-downs ----- remove  
Documents ----- on board  
Fire extinguisher ----- on board / green  
Control lock ----- remove  
Ignition switch ----- off  
radios ----- off  
Avionics master ----- off  
Master battery ----- On  
Fuel quantity ----- check  
Carburetor heat ----- cold  
Fuel selector ----- both  
Trim ----- up/down  
Flaps ----- extend  
Aircraft lighting ----- operating  
Master battery ----- off

### 2. Before starting engine

Preflight inspection (exterior) ----- complete  
Passenger briefing ----- complete  
Seats and seat belts ----- fastened  
Flight controls ----- free  
Circuit breakers ----- all in

### 3. Starting engine

Prime ----- as required  
Carburetor heat ----- cold  
Throttle ----- open ½ inch  
Mixture ----- rich  
Propeller area ----- clear  
Master battery ----- on  
Beacon ----- on  
Brakes ----- on  
Ignition switch ----- start  
Throttle ----- 1000rpm  
Oil pressure ----- green(30sec)  
Master alternator ----- on  
ammeter ----- positive  
Flaps ----- retract  
Fuel selector ----- right  
Avionic master ----- on  
NAV light ----- as required  
Time/Hobbs/Tachs ----- Note

### 4. Before taxiing

Radios ----- set  
Atis ----- obtain  
Transponder ----- stby  
Engine gauges ----- check  
Flight instruments (DG/AI/ALT) ---- adjust  
Fuel selector ----- left  
Mixture ----- lean  
Brakes ----- test  
Taxi clearance (121.90) ----- obtain

### 5. Taxiing

Instruments ----- turning checks  
Ailerons ----- with the wind

### 6. Engine run-up

Position ----- in the wind  
Brakes ----- on  
Fuel selector ----- both  
Mixture ----- rich  
Throttle ----- 1700 rpm  
Magnetos (max drop 125/50) ----- R/both/L/Both  
Mixture ----- check  
Carburetor heat ----- heat  
Suction gage ----- 4.5 to 5.4  
Engine instruments and ammeter --- check  
Throttle ----- idle  
Carburetor heat ----- cold  
Throttle ----- 1000 rpm  
Throttle friction lock ----- adjust  
Brakes ----- release  
Taxi clearance or Before take-off

### 7. Before take-off

Seats and seat belts ----- secure  
Cabin doors ----- closed  
Flight controls ----- free  
Elevator trim ----- set for takeoff  
Flight instruments ----- check and set  
Engine instruments ----- check (green)  
Fuel selector ----- both  
Radios and avionics ----- set  
Wing flaps ----- set for takeoff  
Crew passenger briefing ----- done  
Taxi clearance (121.90) ----- obtain



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### 8. Line-up

Radio (118.65) ----- set/contact  
Transponder ----- alt  
Strobe lights ----- as required  
Landing light ----- as required  
Mixture ----- full rich  
Carburetor heat ----- cold  
Fuel selector ----- both  
Time ----- note

### 9. Take-off

Throttle ----- full open  
Engine gauges ----- check (green)  
Static RPM ----- 2270 to 2370  
Rotate ----- 50 KIAS

### 10. After Take-off

Engine gauges ----- check (green)  
Flaps ----- 400' AGL  
Power ----- set as required  
Trim ----- adjust

### 11. Cruise

Power ----- set  
Trim ----- adjust  
Mixture ----- lean  
Landing light ----- off

### 12. Descent

Carburetor heat ----- heat  
Throttle ----- as required  
Mixture ----- rich (adjust)  
Fuel selector ----- both

### 13. Before landing / approach

Crew passenger briefing ----- done  
Seats and seat belts ----- adjust  
Carburetor heat ----- full heat  
Fuel selector ----- both  
Mixture ----- rich  
Magnetos ----- both  
Landing light ----- on  
Throttle ----- as required  
Flaps ----- as required

### 14. Balked landing

Throttle ----- full open  
Carburetor heat ----- cold  
Wing flaps ----- retract to 20°  
Airspeed ----- 68 MPH  
Wing flaps ----- 10° until  
obstacles are  
cleared  
Wing flaps ----- retract after  
reaching a  
safe altitude

### 15. After landing (short of runway in use)

Carburetor heat ----- cold  
Wing flaps ----- retract  
Transponder ----- standby  
Landing light ----- off  
Time ----- Note  
Taxi clearance (121.90) ----- obtain

### 16. Engine shutdown

ELT ----- 121,5 check  
Radio ----- off  
Avionics master ----- off  
Throttle ----- idle  
Ignition switch ----- off / both  
Throttle ----- 900 rpm  
Mixture ----- idle cut off  
Beacon light ----- off  
Master ----- off  
Ignition switch ----- off  
Control lock ----- install  
Airplane ----- positioned  
parking brake ----- set  
Fuel selector ----- right  
Cabin Vents ----- Close  
Time/Hobbs/Tachs ----- Note