



Checklist Cessna 152

1. PREFLIGHT INSPECTION (in-cabin check)

Documents ----- on board
Fire extinguisher ----- on board / green
Control lock ----- remove
Ignition switch ----- off
Avionics master or radio----- off
Carburetor heat----- cold
Fuel selector ----- on
Master battery ----- on
Fuel quantity ----- check
Trim ----- up/down
Flaps ----- extend to 20°
Aircraft lighting ----- operating
Master battery ----- off

2. Before starting engine

Preflight inspection (exterior) ----- complete
Pitot cover ----- remove
Tie down ----- remove
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(30 sec.)
Master alternator ----- on
ammeter ----- positive
Flaps----- retract
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
Mixture ----- lean (1 inch)
Brakes ----- test
Taxi clearance (121.90) ----- obtain

5. Taxiing

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

7. Engine run-up

Position ----- in the wind
Brakes ----- on
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
Flaps ----- extend/retract
Taxi clearance or Before take-off

8. 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 quantity ----- check
Fuel selector ----- on
Radios and avionics ----- set
Wing flaps ----- set for takeoff
Crew passenger briefing ----- done
Taxi clearance (121.90) ----- obtain



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9. Line-up

Radio (118.65) ----- set
Transponder ----- alt
DG ----- set/runway
Landing/Strobe light ----- as required
Ice protection (Pitot) ----- as required
Mixture ----- full rich
Carburetor heat ----- cold
Time ----- note
Tower clearance ----- obtain

10. Take-off

Throttle ----- full open
Engine gauges ----- check (green)
Static RPM ----- 2280 to 2380
Rotate ----- 50 KIAS

11. After take-off

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

12. Cruise

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

13. Descent

Carburetor heat ----- heat
Mixture ----- rich (adjust)
Throttle ----- as required

14. Before landing / approach

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

15. Balked landing

Throttle ----- full open
Carburetor heat ----- cold
Wing flaps ----- retract to 20°
Airspeed ----- 55 KIAS
Wing flaps ----- 10° until
obstacles are
cleared
Wing flaps ----- retract after
reaching a
safe altitude

16. After landing (short of runway in use)

Carburetor heat ----- cold
Wing flaps ----- retract
Transponder ----- stby
Landing light ----- off
Ice protection (Pitot) ----- off
Time ----- Note
Taxi clearance (121.90) ----- obtain
Flight plan ----- Close?

17. Engine shutdown

ELT ----- 121,5 check
Avionics master or radio ----- off
Throttle ----- idle
Ignition switch ----- off / both
Throttle ----- 900 rpm
Mixture ----- idle cut off
Ignition switch ----- off
Master ----- off
Beacon light ----- off
Time/Hobbs/Tachs ----- note

Control lock ----- install
Airplane ----- positioned
Tie down ----- attach
Cabin Air ----- closed