

## Normal Checklist Cessna 150

*Always Refer to Aircraft Flight Manual*

### BEFORE STARTING ENGINE

1. Exterior Preflight -- COMPLETE.
2. Tach/Hobbs Meter -- RECORD
3. Seats, Belts, Harnesses -- ADJUST & LOCKED.
4. Fuel Shutoff Valve -- ON.
5. Radios & Electrical Equipment -- OFF.
6. Brakes -- TEST & SET.

### STARTING ENGINE

1. Mixture -- RICH.
2. Carburetor Heat -- COLD.
3. Master Switch -- ON.
4. Prime -- AS REQUIRED.
5. Throttle -- OPEN ¼ INCH.
6. Propeller Area -- CLEAR.
7. Ignition Switch -- START. (*release when engine starts*)
8. Oil Pressure -- CHECK.

### BEFORE TAKEOFF

1. Cabin Doors -- LATCHED.
2. Flight Controls -- FREE & CORRECT.
3. Elevator Trim -- TAKEOFF POSITION.
4. Fuel Shutoff Valve -- ON.
5. Brakes -- SET.
6. Throttle -- 1700 RPM.
  - a. Magnetos -- CHECK.
  - b. Carburetor Heat -- CHECK FOR RPM DROP.
  - c. Engine Instruments and Ammeter -- CHECK.
  - d. Suction Gauge -- CHECK.
7. Flight Instruments and Radio -- SET.
8. Throttle Friction Lock -- ADJUST.
9. Wing Flaps -- AS REQUIRED.

### TAKEOFF

#### • Normal Takeoff

1. Wing Flaps -- UP (0).
2. Carburetor Heat -- COLD.
3. Throttle -- FULL OPEN.
4. Elevator Control -- LIFT NOSE WHEEL.
5. Climb Speed -- 70-80 MPH.

#### • Maximum Performance Takeoff

1. Wing Flaps -- UP (0).
2. Carburetor Heat -- COLD.
3. Brakes -- HOLD.
4. Throttle -- FULL OPEN.
5. Brakes -- RELEASE.
6. Elevator Control -- SLIGHTLY TAIL LOW.
7. Climb Speed -- 70 MPH (*with obstacles ahead*).

### ENROUTE CLIMB

1. Airspeed -- 75 – 85 MPH.
2. Throttle -- FULL OPEN.
3. Mixture -- RICH. (*Unless engine is rough*).

### CRUISE

1. Power -- 2000 to 2750. (*No more than 75%*).
2. Elevator Trim -- ADJUST.
3. Mixture -- LEAN.

### BEFORE LANDING

1. Mixture -- RICH
2. Carburetor Heat -- ON (*apply before closing throttle*).
3. Airspeed -- 70-80 MPH (*flaps up*).
4. Wing Flaps -- AS DESIRED (*below 100 MPH*)
5. Airspeed -- 60-70 MPH (*flaps down*).

### BALKED LANDING

1. Throttle -- FULL OPEN.
2. Carburetor Heat -- COLD.
3. Wing Flaps -- RETRACT TO 20.
4. Airspeed -- 65 MPH
5. Wing Flaps -- RETRACT (*slowly*).

**NORMAL LANDING**

1. Touchdown -- MAIN WHEELS FIRST.
2. Landing Roll -- LOWER NOSE WHEEL GENTLY.
3. Braking -- MINIMUM REQUIRED.

**AFTER LANDING**

1. Wing Flaps -- UP.
2. Carburetor Heat -- COLD.
3. Unnecessary Equipment -- OFF.

**SECURING AIRCRAFT**

1. Parking Brake -- SET
2. Radios, Electrical Equipment -- OFF
3. Mixture -- IDLE CUT-OFF
4. Magnetos -- OFF
5. Master Switch -- OFF.
6. Control Lock -- INSTALL.
7. Tach/Hobbs Meter -- RECORD.

**C150G/C150L Airspeeds (MCAS)**

Vr.....	55
Vx.....	70
Vy.....	78
Va.....	109
Vs1.....	55
Vso.....	48
Vfe.....	100
Vno.....	120
Vne.....	162
Glide .....	70
XW demo.....	15