

2. Seats, Belts, Shoulder Harnesses -- ADJUST and LOCK.
3. Fuel Shutoff Valve -- ON.
4. Radios, Electrical Equipment -- OFF.
5. Brakes -- TEST and SET.
7. Circuit Breakers -- CHECK IN.

idle

TARTING ENGINE (Temperatures Above Freezing)

NOTE

For cold weather starting procedures, refer to page 4-21.

1. Mixture -- RICH.
2. Carburetor Heat -- COLD.
3. Prime -- AS REQUIRED (up to 3 strokes - none if engine is warm).
4. Throttle -- OPEN 1/2 INCH (CLOSED if engine is warm).
5. Propeller Area -- CLEAR.
6. Master Switch -- ON.
7. Ignition Switch -- START (release when engine starts).
8. Throttle -- ADJUST for 1000 RPM or less.
9. Oil Pressure -- CHECK.
10. Flashing Beacon and Navigation Lights -- ON as required.
11. Radios -- ON.

3 power

BEFORE TAKEOFF

1. Parking Brake -- SET.
2. Cabin Doors -- CLOSED and LATCHED.
3. Flight Controls -- FREE and CORRECT.
4. Flight Instruments -- SET.
5. Fuel Shutoff Valve -- ON.
6. Mixture -- RICH (below 3000 feet).
7. Elevator Trim -- TAKEOFF.
8. Throttle -- 1700 RPM.
 - a. Magnetos -- CHECK (RPM drop should not exceed 125 RPM on either magneto or 50 RPM differential between magnetos).
 - b. Carburetor Heat -- CHECK (for RPM drop).
 - c. Engine Instruments and Ammeter -- CHECK.
 - d. Suction Gage -- CHECK.
 - e. Throttle -- 1000 RPM OR LESS.
9. Radios -- SET.
10. Strobe Lights -- AS DESIRED.
11. Throttle Friction Lock -- ADJUST.
12. Brakes -- RELEASE.

CESSNA 152 CHECK-LIST

BEFORE STARTING ENGINE

Preflight Inspection – COMPLETE
Seats, Belts, Shoulder Harnesses – ADJUST and LOCK
Fuel Shut-Off Valve – ON
Radios, Electrical Equipment – OFF
Brakes - TEST and SET
Circuit Breakers – CHECK IN

STARTING ENGINE (Temperatures Above Freezing)

Mixture – RICH
Carburetor Heat – COLD
Prime – AS REQUIRED (up to 3 strokes)
Throttle – OPEN ½ INCH
Propeller Area – CLEAR
Master Switch – ON
Ignition Switch – START (release when engine starts)
Throttle – ADJUST for 1000 RPM or less
Oil Pressure – CHECK

BEFORE TAKEOFF

Parking Brake – SET
Cabin Doors – CLOSED and LATCHED
Flight Controls – FREE and CORRECT
Flight Instruments – SET
Fuel Shutoff Valve – ON
Mixture – RICH (below 3000 feet)
Elevator Trim – TAKEOFF
Throttle – 1700 RPM
A. Magnetos – CHECK (RPM drop should not exceed 125 RPM on either Magneto or 50 RPM differential between magnetos).
B. Carburetor Heat – CHECK (for RPM drop).
C. Engine Instruments and Ammeter – CHECK
D. Suction Gage – CHECK
Radios – SET
Transponder – ON
Flashing Beacon, Navigation Lights and/or Strobe Lights – ON as required
Throttle Friction Lock – ADJUST
Brakes – RELEASE

NORMAL TAKEOFF

Wings Flaps – 0° - 10°
Carburetor Heat – COLD
Throttle – FULL OPEN
Elevator Control – LIFT NOSE WHEEL at 50 KIAS
Climb Speed – 65-75 KIAS

SHORT FIELD TAKEOFF

Wing Flaps – 10°
Carburetor Heat – COLD
Brakes – APPLY
Throttle – FULL OPEN
Mixture – RICH (above 3000 ft. LEAN to obtain maximum RPM)
Brakes – RELEASE
Elevator Control – SLIGHTLY TAIL LOW
Climb Speed – 54 KIAS (until all obstacles are cleared)
Wing Flaps – RETRACT slowly after reaching 60 KIAS