

CESSNA 152 CHECKLIST Vx 60kts Vy 67 kts

START-UP

1. Passengers Briefing
 - a. Seats..... Adjusted & locked
 - b. Belts..... Fastened
2. Fuel Selector..... On
3. Breakers..... In
4. Mixture.....Rich
5. Master..... On
6. Bcn & Nav lights... As required
7. Brakes..... On
8. Prime.....As required
9. Clear, Look, Start
10. Throttle.....800 RPM
11. Oil Pressure..... 25psi minimum
12. Flaps..... Up
13. Mixture..... Lean for taxi (1")
14. Transponder..... Standby
15. Radio..... On
16. AWOS..... Recorded
17. Radio..... Call for taxi

BEFORE TAKEOFF

1. Brakes..... On
2. Controls.....Free & Correct
3. Flaps..... Up
4. Elevator trim..... Set
5. Throttle.....1700 RPM
 - a. Carb Heat... Check operation
 - b. Magnetos...-125 RPM Max
 - c. Mixture..... Set for takeoff
 - d. Vacuum..... Check
 - e. Ammeter.... Check with master
6. Throttle..... 800 RPM
7. Engine instruments..Check
8. Flight instruments...Check
9. Radios..... Set
10. Transponder..... ALT (code)
11. Departure time... Record
12. Doors & Windows Locked
13. Radio call for takeoff, open flight plan

ENGINE OUT

1. Push & trim glide.. 60 kts
2. Mixture..... Rich
3. Carb heat..... On
4. Fuel valve..... On
5. Magnetos..... Both
6. Primer..... Locked
7. Radio..... Mayday, Mayday
8. Into the wind, land slow, stop quick.

CRUISE

1. Throttle..... 2300 rpm

2. Mixture..... Set for altitude
3. Fuel.....Monitor burn rate

BEFORE LANDING

1. ATIS/Approach... Record
2. Mixture..... Rich
3. Seatbelts..... Fastened
4. Carb Heat..... On
5. Flaps..... As required
6. GUMPS Check.....On Final

AFTER LANDING

1. Flaps..... Up
2. Carb Heat.....Off
3. Transponder..... Off
4. Arrival Time..... Record
5. Flight Plan..... Closed

SHUT DOWN

1. Radios & LightsOff
2. Throttle.....1000 RPM
3. Mixture..... Idle Cutoff
4. Magnetos.....Off, remove key
5. Master Switch..... Off
6. Hobbs Time..... Record
7. Secure Airplane

SHORT FIELD TAKEOFF

1. Flaps 10
2. Mixture set..... Max performance
3. Taxi..... Max runway
4. Brakes.....Hold full power
5. Accelerate level, rotate briskly at 57kts
6. Climb Vx 60 kts until over obstacle

SHORT FIELD LANDING

1. Flaps Full
2. Approach steep and slow
3. Touchdown with little float
4. Brake hard, Elevator back, Dump flaps

SOFT FIELD TAKEOFF

1. Flaps 10
2. Mixture set..... Max performance
3. Taxi.....Elevator up, keep rolling
4. Lift nose, fly in ground effect
5. Climb Vy 67 kts

SOFT FIELD LANDING

1. Flaps Full
2. Approach shallow
3. Touchdown soft with power
4. Hold nose up as long as possible
5. Taxi elevator full aft

