

## Cessna 152 Checklist

5/6/2015

(see POH for amplified procedures, no warranties or guarantees apply)

### Preflight

#### Cabin:

1. Covers, plugs - REMOVE.
2. Gust locks - REMOVE.
3. Windshield - CLEAN.
4. Documents - ARROW.
5. Hobbs & Tach - NOTE.
6. Control lock - REMOVE.
7. Ignition - OFF.
8. Avionics - OFF.
9. Master - ON.
10. Fuel gauges - CHECK.
11. Flaps - DOWN.
12. Lights - CHECK.
13. Pitot heat - CHECK.
14. Master - OFF.
15. ELT - AUTO.

#### Tail:

1. Antennas - CHECK.
2. Left-side fuselage - CHECK.
3. Elevator, rudder, trim - CHECK.
4. Tail tie-down - REMOVE.
5. Right-side fuselage - CHECK.

#### Right Wing:

1. Flap, aileron, weights - CHECK.
2. Wing tip, leading edge - CHECK.
3. Tie-down, chock - REMOVE.
4. Tire, brakes, strut - CHECK.
5. Wing vent - DRAIN.
6. Fuel level - CHECK VISUALLY.
7. Fuel cap - SECURE.
8. Air inlet - CHECK.

#### Nose:

1. Gas, oil leaks on ground?
2. Belly - DRAIN.
3. Fuel strainer - DRAIN.
4. Fuel cap - SECURE.
5. Oil level - 4 ½ TO 6 QUARTS.
6. Cowling - SECURE.
7. Alternator belt - CHECK.
8. Landing light - CHECK.
9. Prop, spinner - CHECK.
10. Air filter - CHECK.
11. Tire, strut, linkage - CHECK.
12. Stall warning - CHECK.
13. Static port - CHECK.
14. Pitot - CHECK.
15. Fuel tank vent - CHECK.

Left Wing: as right wing.

### Startup

1. Seats, belts - SECURE.
2. Passenger briefing - COMPLETE.
3. Charts - ARRANGE.
4. Circuit breakers - CHECK.
5. Beacon - ON.
6. Nav lights - AS REQUIRED.
7. Avionics - OFF.
8. Brakes - HOLD.
9. Fuel valve - ON.
10. Mixture - RICH.
11. Carb heat - OFF.
12. Prime - AS REQUIRED.
13. Master - ON.
14. Throttle - ½ INCH OPEN.
15. Prop area - VISUALLY CLEAR.
16. Landing light - FLASH IF DARK.
17. Yell CLEAR.
18. Ignition - START.
19. Throttle - 1000.
20. Oil pressure - CHECK.
21. Ammeter - CHECK.
22. Flaps - UP.
23. Radios - ON and CHECK.
24. 121.5 MHz - MONITOR FOR ELT.
25. Transponder - STANDBY.
26. Circuit breakers - CHECK.
27. Flight instruments - SET.
28. Parking brake - RELEASE.
29. Brakes - TEST.

### Shutdown

1. 121.5 MHz - MONITOR FOR ELT.
2. Avionics - OFF.
3. Lights, except beacon - OFF.
4. Mixture - OFF.
5. Throttle - OFF.
6. Ignition - OFF.
7. Master - OFF.
8. Hobbs & Tach - NOTE.
9. Seat belts - SECURE.
10. Control locks - INSTALL.
11. Gust locks - INSTALL.
12. Tie-downs - SECURE.
13. Covers, plugs - INSTALL.
14. Prop - VERTICAL.
15. CLOSE FLIGHT PLAN.

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### Before Takeoff

1. Nose gear - STRAIGHT.
2. Brakes - HOLD.
3. Throttle - 1000.
4. Flight controls - FREE, CORRECT.
5. Elevator trim - TAKEOFF.
6. Flight instruments - SET.
7. Fuel valve - ON.
8. Mixture - RICH.
9. Primer - LOCKED.

10. Throttle - 1700.
11. Engine instruments - CHECK.
12. Ammeter - CHECK.
13. Mags - CHECK L, R, BOTH,  
125 rpm drop, 50 rpm diff.
14. Carb heat - CHECK DROP.
15. Throttle - IDLE.
16. Carb heat - CHECK DROP.
17. Throttle - 1000.

18. Flaps - 0 OR 10 SOFT, SHORT.
19. Carb heat - OFF.
20. Transponder - ALT, 1200.
21. Radio - SET FREQUENCIES.
22. Doors, windows - CLOSED.
23. Seats & belts - SECURE.
24. Oil temperature - CHECK.
25. Radio - INTENTIONS.

### Cruise

1. Throttle - CRUISE.
2. Mixture - LEAN.
3. Trim - SET.
4. DG - RESET.

### V Speeds

(vary with load, conditions)

		KIAS
Rotate	V <sub>R</sub>	50
Best rate climb	V <sub>Y</sub>	67
Best angle climb	V <sub>X</sub>	55
Maneuvering	V <sub>A</sub>	93 - 104
Max flap extend	V <sub>FE</sub>	85
Max cruise	V <sub>NO</sub>	111
Never exceed	V <sub>NE</sub>	149
Stall (clean)	V <sub>S</sub>	40 (48)
Stall (full flaps)	V <sub>SO</sub>	35 (43)
Cruise climb		70 - 80
Cruise descent		90
Approach		65
Shortest landing		55
Best glide		60

### Before Landing

1. Seats & belts - SECURE.
2. Landing light - ON.
3. Fuel valve - ON.
4. Mixture - RICH.
5. Primer - LOCKED.
6. Carb heat - ON.

### After Landing

1. Flaps - UP.
2. Carb heat - OFF.
3. Throttle - 1000.
4. Transponder - STANDBY, 1200.
5. Landing light - OFF.

### Emergency Descent

1. Trim - BEST GLIDE.
2. FIND A FIELD.
3. Fuel valve - ON.
4. Mixture - RICH.
5. Throttle - OPEN.
6. Carb heat - ON.
7. Mags - L, R, BOTH.
8. Primer - LOCKED.
9. Radio - 121.5.
10. Transponder - 7700.
11. Mixture - OFF.
12. Throttle - OFF.
13. Fuel valve - OFF.
14. Ignition - OFF.
15. Seats & belts - SECURE.
16. Door - CRACKED OPEN.
17. Flaps - AS REQUIRED.
18. Master - OFF.