

# NORMAL CHECKLIST

## Cessna 152

Owners name:

### BEFORE EXTERIOR

Documents ..... On Board  
Control Wheel Lock.....Removed  
Trim ..... Neutral  
Ignition..... Off  
Fuel Quantity ..... Check  
Master Switch ..... Off  
Fire extinguisher ..... On board

### BEFORE START

Doors..... Closed  
Audio Panel ..... Set  
Nav/com/Transponder ..... Off  
Circuit Breakers ..... All in  
Cabin vent/ heat controls ..... Closed  
Fuel Shutoff Valve..... Open  
Briefing ..... Completed

### BEFORE TAXI

Oil pressure ..... Green  
Alternator ..... On, Light out  
Ammeter ..... Positive charge  
Flaps..... Checked, Set for takeoff  
Gyroscopic inst. .... Check and Set  
Nav/Com..... On and Set  
Transponder ..... GND

### BEFORE TAKEOFF

Engine Run-up ..... Performed  
Ignition..... Both  
Trim ..... Set for takeoff  
Flaps..... Set for takeoff  
Doors and windows ..... Closed  
Safety Belts ..... Fastened  
Flight Controls ..... Checked

### RUNWAY ITEMS

Transponder..... ALT  
Pitot Heat..... As Required  
Lights (Landing, Strobe) ..... On  
Altimeter..... Checked  
Compass ..... Check

### AFTER TAKEOFF ( >400 feet AGL)

Landing Light ..... Off  
Flaps ..... Up

### APPROACH

QNH ..... Set  
Compass ..... Checked  
Fuel ..... Checked  
Mixture ..... Rich

### LANDING

Landing light ..... On  
Carbu heat..... Off  
Flaps ..... Set

### AFTER LANDING

Landing Light ..... Off  
Pitot Heat ..... Off  
Flaps ..... Up  
Transponder ..... GND/7000  
Trim ..... Neutral

### SHUTDOWN

Throttle ..... 1700 Rpm  
Nav/com/Transponder ..... Off  
Mixture ..... Cut-off  
Lights ..... Off  
Ignition ..... Off  
Master switch..... Off

### **NORMAL TAKEOFF**

Flaps ..... 0-10°  
Rotate ..... 50 KIAS  
Climb Speed ..... 65-75 KIAS

### **SHORT FIELD TAKEOFF**

Flaps ..... 10°  
Throttle ..... Open (hold brakes)  
Rotate ..... 50 KIAS  
Climb Speed ..... 54 KIAS  
Wing Flaps ..... Retract above 60 KIAS

### **NORMAL CIRCUIT**

#### ***Downwind***

Airspeed ..... 80 KIAS  
Flaps ..... 10°

#### ***Base-leg***

Airspeed ..... 70 KIAS  
Flaps ..... 20°

#### ***Final***

Airspeed\* ..... 60 KIAS  
Flaps ..... 20-30°  
Carbu Heat (short final) ..... OFF

**\* No Flap landing, add 5 Kts to final speed**

### **SHORT FIELD LANDING**

Flaps ..... 30°  
Airspeed on final ..... 55 KIAS  
Brakes ..... Apply after touchdown

### **GO-AROUND**

Throttle ..... Open  
Carbu Heat ..... Cold  
Nose ..... Takeoff attitude (touching horizon)  
Flaps ..... 20°  
Airpeed ..... 55 KIAS  
Flaps ..... 10°  
400 feet Agl ..... Flaps Up

### **GENERAL INFO**

Tank capacity OO-ANM ..... 26,0 gallons\*  
Usable fuel OO-ANM ..... 24,5 gallons\*  
Tank capacity OO-LVJ ..... 39 gallons\*  
Usable fuel OO-LVJ ..... 37,5 gallons\*

\* US gallons: 1 US gallon = 3,78 liters

Average consumption ..... 6 gallons per hour  
Minimum landing fuel ..... 4,5 gallons  
Oil capacity ..... 6 quarts  
Minimum oil required ..... 5 quarts

Standard empty weight ..... 515 Kg  
Maximum useful load ..... 245 Kg  
Maximum baggage weight ..... 54 Kg  
Maximum takeoff weight ..... 760 Kg  
Maximum landing weight ..... 760 Kg

Vne ..... 172 KIAS  
Vno ..... 125 KIAS  
Va ..... 108 KIAS  
Vfe ..... 85 KIAS  
Vmax window open ..... 149 KIAS

### **DOCUMENTS REQUIRED ON BOARD**

#### **Aircraft Documents**

1. Aircraft Journal
2. Airworthiness certificate
3. Registration certificate
4. Radio certificate
5. Operating handbook
6. Weight and balance report

#### **Pilot's Documents**

1. License
2. Passport
3. Medical