

# NORMAL CHECKLIST

## Cessna 152

**OO LVJ**

### BEFORE EXTERIOR C/L

Read and Do

Documents..... On Board  
Control Wheel Lock ..... Remove  
Trim ..... Set for T/O  
Ignition ..... Off  
Master ..... On  
Lights ..... Check  
Fuel Quantity ..... Check  
Master Switch ..... Off  
Fire Extinguisher ..... Check

### BEFORE START C/L

Doors ..... Closed  
Audio Panel ..... Set  
Com/Nav/Transponder ..... Off  
Circuit Breakers ..... All In  
Cabin Vent/Heat Controls ..... Closed  
Fuel Shut-off Valve ..... Open  
Briefing ..... Completed

### BEFORE TAXI C/L

Oil pressure..... Green  
Alternator..... On, Light out  
Ammeter ..... Positive Charge  
Flaps ..... Checked, Set for T/O  
Gyroscopic Instr. .... Checked and Set  
Com/Nav ..... On and Set  
Transponder ..... Code/GND

### BEFORE TAKE-OFF C/L

Engine Run-up..... Completed  
Ignition ..... Both  
Trim ..... Set for T/O  
Flaps ..... Set for T/O  
Doors and Windows ..... Closed  
Safety Belts..... Fastened  
Flight Controls..... Checked

### RUNWAY ITEMS

Pitot Heat..... As Required  
Lights..... On  
Altimeter..... Checked  
Compass ..... Checked

### AFTER TAKEOFF C/L

Flaps ..... Up  
Transponder ..... ALT  
Landing Light ..... Off

### APPROACH C/L

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

### LANDING C/L

Landing Light ..... On  
Carburetor Heat ..... Off  
Flaps ..... Set for LND

### AFTER LANDING C/L

Lights ..... Off  
Pitot Heat ..... Off  
Flaps ..... Up  
Transponder ..... 7000/GND  
Trim ..... T/O

### SHUTDOWN C/L

Read and Do

Throttle ..... 1800 Rpm  
Com/Nav/Transponder ..... Off  
Throttle ..... 1000 Rpm  
Mixture ..... Cut-off  
Ignition ..... Off  
Master Switch ..... Off

### **NORMAL TAKE-OFF**

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

### **SHORT FIELD TAKE-OFF**

Flaps..... 10°  
Throttle ..... Full(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°  
Carburetor Heat (short final)..... OFF

**\* Flaps up landing, add 5 kts to final speed**

### **SHORT FIELD LANDING**

Flaps..... 30°  
Airspeed on final ..... 54 KIAS  
Brakes ..... Apply after touchdown

### **GO-AROUND**

Throttle ..... Full  
Carburetor Heat..... Off  
Nose ..... Take-off attitude (touching horizon)  
Flaps..... 20°  
Airpeed ..... 55 KIAS  
Flaps..... 10°  
400 feet AGL and speed above 60kts ...Flaps Up

### **GENERAL INFO**

Tank capacity OO-LVJ..... 39 gallons\*  
Usable fuel OO-LVJ..... 37,5 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 ..... 4 quarts\*

Empty weight..... 570,11 Kg  
Maximum useful load ..... 187,39 Kg  
Maximum baggage weight ..... 54 Kg  
Maximum takeoff weight ..... 757,50 Kg  
Maximum landing weight..... 757,50 Kg

Vne..... 172 KIAS  
Vno ..... 125 KIAS  
Vfe..... 85 KIAS  
Vmax window open ..... 149 KIAS  
Vx (best angle of climb) ..... 55 KIAS  
Vy (best rate of climb)..... 67 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

#### **Flight plan codes**

Item 10..... VOF  
Item 10b..... S