

NORMAL CHECKLIST

Cessna 152

OO KWS

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 FlapsRetract 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-KWS..... 26 gallons*
Usable fuel OO-KWS 24,5 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..... 560,7 Kg
Maximum useful load..... 196,8 Kg
Maximum baggage weight 54 Kg
Maximum takeoff weight 757,50 Kg
Maximum landing weight..... 757,50 Kg

Vne..... 149 KIAS
Vno 111 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..... VO
Item 10b..... S