

Cessna 172

NORMAL CHECKLIST

OO CIR

BEFORE EXTERIOR C/L

Read and Do

Documents On Board
Control Wheel Lock Removed
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 Locked
Parking Brake As Required
Avionics Master Switch Off
Audio Panel Set
Circuit Breakers All In
Electrical Equipment Off, Beacon On
Cabin Vent/Heat Controls Closed
Fuel Selector Both
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
Avionics Master Switch On
Com/Nav On and Set
Transponder Code/GND

BEFORE TAKEOFF 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 Check

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 1000 Rpm
Avionics Master Switch Off
Mixture Cut-off
Ignition Off
Master Switch Off

NORMAL TAKEOFF

Flaps..... 0-10°
Rotate 55 KIAS
Climb Speed..... 70-80 KIAS

SHORT FIELD TAKEOFF

Flaps..... 10°
Throttle Full (hold brakes)
Rotate 50 KIAS
Climb Speed..... 53 KIAS*
Wing Flaps Retract above 65 KIAS

**until clear of obstacles*

NORMAL CIRCUIT

Downwind

Airspeed..... 80 KIAS
Flaps..... 10°

Base-leg

Airspeed..... 70 KIAS
Flaps..... 20°

Final

Airspeed..... 65 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 59 KIAS
Brakes Apply after touchdown

GO-AROUND

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

GENERAL INFO

Tank capacity OO-CIR 54 gallons*
Usable fuel OO-CIR..... 50 gallons*

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

Average consumption..... 8 gallons per hour
Minimum landing fuel..... 6 gallons
Oil capacity..... 7 quarts
Minimum oil required 4 quarts
Empty weight..... 1511,73 Lbs
Max. useful load (Normal category) 788,27 Lbs
Max. useful load (Utility category)... 488,27 Lbs
Max. baggage weight..... 54 Kg
MTOW (Normal category)..... 2300 Lbs
MTOW (Utility category)..... 2000Lbs
MLW..... same as MTOW

Vne 158 KIAS
Vno 127 KIAS
Va (2300 Lbs)..... 97 KIAS
Va (1950 Lbs)..... 89 KIAS
Va (1600 Lbs)..... 80 KIAS
Vfe (10° flaps)..... 110 KIAS
Vfe (>10° flaps)..... 85 KIAS
Vmax window open 158 KIAS
Vx (best angle of climb) 59 KIAS
Vy (best rate of climb)..... 73 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.....SGY
Item 10b..... S