

Cessna 172 SP NAVIII

NORMAL CHECKLIST

OO LVA

BEFORE EXTERIOR C/L

Read and Do

Documents On Board
Control Wheel Lock Removed
Trim Set for T/O
Ignition Off
Master Switch On
Lights Check
Fuel Quantity Check
Forward/Aft Avionics Fans Check
Avionics Switch 1&2 Off
Master Switch Off
Fire Extinguisher Check

BEFORE START C/L

Doors Locked
Parking Brake As Required
Avionics Switches Off
Circuit Breakers All in
Cabin Vent/Heat Controls Closed
Fuel Shut Off Valve Pushed Off
Fuel Selector Both
Standby Battery Switch Tested/Armed
Fuel Qty / System Page Checked & Set
Master Switch On
Briefing Completed

BEFORE TAXI C/L

Oil Pressure Green
Amps (Main & Stby Bat) Checked
Avionics Switches On
Flaps Checked, Set for T/O
Flight Instruments No Red X
PFD Alert Window Checked
Com/Nav On and Set
Transponder Code/GND

BEFORE TAKEOFF C/L

Engine Run-up Completed
Ignition Both
Fuel Pump Switch Off
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
Approach COM/NAV set up Complete
Compass Checked
Fuel Checked
Mixture Rich
Brakes Checked

LANDING C/L

Landing light On
Flaps Set for LND

AFTER LANDING C/L

Lights Off
Pitot Heat Off
Flaps Up
Transponder 7000/GND
Trim Neutral

SHUTDOWN C/L

Read and Do

Throttle 1000 Rpm
Avionics Switches Off
Mixture Cut-off
Ignition Off
Master switch Off
Stby Batt Switch Off

NORMAL TAKEOFF

Flaps..... 0-10°
Rotate 55 KIAS
Climb Speed..... 70-88 KIAS

SHORT FIELD TAKEOFF

Flaps..... 10°
Throttle Open (hold brakes)
Rotate 50 KIAS
Climb Speed..... 56 KIAS*
Wing Flaps Retract above 60 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°
Carbu Heat (short final)..... OFF

*** Flaps up landing, add 5 KTS to final speed**

SHORT FIELD LANDING

Flaps..... 30°
Airspeed on final 61 KIAS
Brakes Apply after touchdown

GO-AROUND

Throttle Open
Nose Takeoff attitude (touching horizon)
Flaps..... 20°
Airspeed..... 60 KIAS
Flaps..... 10°
400 feet Agl..... Flaps Up

GENERAL INFO

Tank capacity OO-LVA..... 56 gallons
Usable fuel OO-LVA..... 53 gallons
Average consumption..... 9,5 gallons per hour
Minimum landing fuel..... 6 gallons
Oil capacity..... 8quarts
Minimum oil required 5 quarts
1 US gallon = 3,78 liters
Empty weight..... 1766 Lbs
Max. useful load (Normal category)... 792,1Lbs
Max. baggage weight..... 54 Kg
MTOW..... 2550 Lbs
MLW..... 2550 Lbs

Vne 163 KIAS
Vno 129 KIAS
Va (2550Lbs)..... 105 KIAS
Va (2200 Lbs)..... 98 KIAS
Va (1900 Lbs)..... 90 KIAS
Vfe (10° flaps)..... 110 KIAS
Vfe (>10° flaps)..... 85 KIAS
Vmax window open 163 KIAS
Vx (best angle of climb) 62 KIAS
Vy (best rate of climb)..... 74 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..... SGFDRY
Item 10b..... S
Item 18..... PBN/A1B2C2D2L1O2S1