



CESSNA MODEL 172 N NORMAL PROCEDURES CHECKLIST

*This is to be used as a REFERENCE ONLY, it is not a substitute for the Airplane Flight Manual.

*Refer to AFM/POH for amplified procedures. User assumes all risk of use in using this product. User consents to and understands that American Flight Schools bears no liability for the use of this product.

Rotation Speed.....55	Vno.....127
Vy (SL).....73	Vy (10k).....68
Vx (SL).....59	Vx (10k).....61
Vso.....33	Vne.....158
Vs.....44	Best Glide.....65
Vfe (0-10).....110	Va97-89
Vfe (10-30)85	Max T/O.....2300lbs
Max Xwind.....15	Max LND.....2300lbs

KAPA - Tower	118.9
KAPA - Ground	121.8
KAPA - ATIS	120.3
KAPA – Approach	132.75
KBJC - Tower	118.6
KBJC - Ground	121.7
KBJ - ATIS	126.25
KBJC - Approach	126.1
KFTG - Tower	120.2
KFTG- Ground	124.7
KFTG – ATIS	119.025
KFTG- Approach	128.25
FSS	122.2

BEFORE STARTING ENGINE

1. Preflight InspectionCOMPLETE
2. Passenger Briefing.....COMPLETE
3. Seats, Belts, Shoulder Harnesses
.....Fastened and Adjusted
4. Fuel Selector ValveBOTH
5. Avionics Power Switch , Autopilot,
Electrical EquipmentOFF
6. BrakesTEST and SET
7. Circuit Breakers.....CHECK IN

STARTING ENGINE

1. MixtureSet
2. Carburetor HeatCOLD
3. Master switchON
4. BeaconON
5. PrimeAS REQUIRED
6. ThrottleOPEN 1/8" INCH
7. Propeller AreaCLEAR
8. Ignition SwitchSTART
9. Oil PressureCHECK

TAXIING

1. MixtureSet
2. AvionicsON
3. TransponderSET
4. Lightsas needed
5. Taxi areaCLEAR
6. BrakesRELEASE & CHECK

BEFORE TAKEOFF

1. Parking BreakSET
2. Cabin Doors & Window(s)CLOSED
.....and LOCKED
3. Flight ControlsFREE and CORRECT
4. Flight InstrumentsSET
5. Fuel Selector ValveBOTH
6. TrimSET FOR TAKEOFF

7. Throttle1700 RPM
 - a. MixtureSet
 - b. MagnetosCHECK
(RPM drop should not exceed 125 RPM on either magneto or 50 RPM differential)
 - c. Carburetor HeatCHECK
.....(for RPM drop)
 - d. Engine Instruments and AmmeterCHECK
 - e. Suction GaugeCHECK
8. Avionics Power SwitchON
9. RadiosSET
10. Autopilot (if installed)OFF
11. LightsON as required
12. Throttle Friction LockADJUST
13. BrakesRELEASE

TAKEOFF

NORMAL TAKEOFF

1. Wing FlapsUP
2. Carburetor HeatCOLD
3. ThrottleFULL OPEN
4. Elevator Control ...LIFT NOSE WHEEL
..... (at 55 KIAS)
5. Climb Speed70 -80 KIAS

SHORT FIELD TAKEOFF

1. Wing Flaps10°
2. Carburetor Heat COLD
3. BrakesAPPLY
4. ThrottleFULL OPEN
5. Mixture.....SET
6. BrakesRELEASE
7. Elevator Control .SLIGHTLY TAIL LOW
8. Climb Speed56 KIAS
.....(until all obstacles are cleared)
9. Wing Flaps.....RETRACT
.....slowly after reaching 60 KIAS

ENROUTE CLIMB

1. Airspeed70-85 KIAS
2. ThrottleFULL OPEN
3. MixtureSet

CRUISING

1. Power2100-2700 RPM
(no more than 75% is recommended)
2. TrimADJUST
3. MixtureSet
4. Lightsas needed

DESCENT

1. Fuel Selector ValveBOTH
2. MixtureADJUST
3. PowerAS DESIRED
4. Carburetor HeatAS REQUIRED

BEFORE LANDING

1. Seats, Belts, HarnessesSECURE
2. Fuel selector ValveBOTH
3. MixtureRICH
4. Carburetor HeatON
5. AutopilotOFF
6. Lightsas needed

LANDING

NORMAL LANDING

1. Airspeed70 KIAS (flaps UP)
2. Wing FlapsAS DESIRED
(0°-10° 110 KIAS/ 10°-30° 85 KIAS)
3. Airspeed65 KIAS(flaps DOWN)
4. TouchdownMAIN WHEELS FIRST
5. Landing RollLOWER NOSE WHEEL
.....GENTLY
6. BrakingMINIMUM REQUIRED

SHORT FIELD LANDING

1. Airspeed60-70 KIAS(flaps UP)
2. Wing FlapsFULL DOWN
3. Airspeed60 KIAS (until flare)
4. PowerREDUCE to idle after
.....clearing obstacle
5. TouchdownMAIN WHEELS FIRST
6. BrakingAPPLY HEAVILY
7. Wings FlapsRETRACT

BALKED LANDING

1. ThrottleFULL OPEN
2. Carburetor HeatCOLD
3. Wings Flaps20°(immediately)
4. Climb Speed55KIAS
5. Wing Flaps..10°(until obstacles are cleared)
....RETRACT (after safe altitude and 60 KIAS)

AFTER LANDING

1. FlapsUP
2. Carburetor HeatCOLD
3. MixtureSet
4. Lightsas needed

SECURING AIRPLANE

1. Parking brakeSET
2. Avionics Power Switch, Electrical
Equipment,OFF
3. MixtureIDLE CUT OFF
4. Ignition SwitchOFF
5. LightsOFF(except beacon)
6. Master SwitchOFF
7. Control lockINSTALLED
8. Wheel chocksin place
9. Tie downssecure
10. HOBBS & TACHrecord
11. Doorslocked