



## CESSNA MODEL 172 M/N/P 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	Va .....97-89
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 Inspection .....COMPLETE
2. Passenger Briefing.....COMPLETE
3. Seats, Belts, Shoulder Harnesses .....  
.....Fastened and Adjusted
4. Fuel Selector Valve .....BOTH
5. Avionics Power Switch , Autopilot,  
Electrical Equipment .....OFF
6. Brakes .....TEST and SET
7. Circuit Breakers.....CHECK IN

### STARTING ENGINE

1. Mixture .....Set
2. Carburetor Heat .....COLD
3. Master switch .....ON
4. Beacon .....ON
5. Prime .....AS REQUIRED
6. Throttle .....OPEN 1/8" INCH
7. Propeller Area .....CLEAR
8. Ignition Switch .....START
9. Oil Pressure .....CHECK

### TAXIING

1. Mixture .....Set
2. Avionics .....ON
3. Transponder .....SET
4. Lights .....as needed
5. Taxi area .....CLEAR
6. Brakes .....RELEASE & CHECK

### BEFORE TAKEOFF

1. Parking Break .....SET
2. Cabin Doors & Window(s) .....CLOSED  
.....and LOCKED
3. Flight Controls .....FREE and CORRECT
4. Flight Instruments .....SET
5. Fuel Selector Valve .....BOTH
6. Trim .....SET FOR TAKEOFF

7. Throttle .....1700 RPM
  - a. Mixture .....Set
  - b. Magnetos .....CHECK  
*(RPM drop should not exceed 125 RPM on either magneto or 50 RPM differential)*
  - c. Carburetor Heat .....CHECK  
.....(for RPM drop)
  - d. Engine Instruments and Ammeter .....CHECK
  - e. Suction Gauge .....CHECK
8. Avionics Power Switch .....ON
9. Radios .....SET
10. Autopilot (if installed) .....OFF
11. Lights .....ON as required
12. Throttle Friction Lock .....ADJUST
13. Brakes .....RELEASE

### TAKEOFF

#### NORMAL TAKEOFF

1. Wing Flaps .....UP
2. Carburetor Heat .....COLD
3. Throttle .....FULL OPEN
4. Elevator Control ...LIFT NOSE WHEEL  
..... (at 55 KIAS)
5. Climb Speed .....70 -80 KIAS

#### SHORT FIELD TAKEOFF

1. Wing Flaps .....10°
2. Carburetor Heat ..... COLD
3. Brakes .....APPLY
4. Throttle .....FULL OPEN
5. Mixture.....SET
6. Brakes .....RELEASE
7. Elevator Control .SLIGHTLY TAIL LOW
8. Climb Speed .....56 KIAS  
.....(until all obstacles are cleared)
9. Wing Flaps.....RETRACT  
.....slowly after reaching 60 KIAS

### **ENROUTE CLIMB**

1. Airspeed .....70-85 KIAS
2. Throttle .....FULL OPEN
3. Mixture .....Set

### **CRUISING**

1. Power .....2100-2700 RPM  
(no more than 75% is recommended)
2. Trim .....ADJUST
3. Mixture .....Set
4. Lights .....as needed

### **DESCENT**

1. Fuel Selector Valve .....BOTH
2. Mixture .....ADJUST
3. Power .....AS DESIRED
4. Carburetor Heat .....AS REQUIRED

### **BEFORE LANDING**

1. Seats, Belts, Harnesses .....SECURE
2. Fuel selector Valve .....BOTH
3. Mixture .....RICH
4. Carburetor Heat .....ON
5. Autopilot .....OFF
6. Lights .....as needed

### **LANDING**

#### *NORMAL LANDING*

1. Airspeed .....70 KIAS (flaps UP)
2. Wing Flaps .....AS DESIRED  
(0°-10° 110 KIAS/ 10°-30° 85 KIAS)
3. Airspeed .....65 KIAS( flaps DOWN)
4. Touchdown .....MAIN WHEELS FIRST
5. Landing Roll .....LOWER NOSE WHEEL  
.....GENTLY
6. Braking .....MINIMUM REQUIRED

#### *SHORT FIELD LANDING*

1. Airspeed .....60-70 KIAS( flaps UP)
2. Wing Flaps .....FULL DOWN
3. Airspeed .....60 KIAS (until flare)
4. Power .....REDUCE to idle after  
.....clearing obstacle
5. Touchdown .....MAIN WHEELS FIRST
6. Braking .....APPLY HEAVILY
7. Wings Flaps .....RETRACT

#### *BALKED LANDING*

1. Throttle .....FULL OPEN
2. Carburetor Heat .....COLD
3. Wings Flaps .....20°(immediately)
4. Climb Speed .....55KIAS
5. Wing Flaps..10°(until obstacles are cleared)  
....RETRACT (after safe altitude and 60 KIAS)

### **AFTER LANDING**

1. Flaps .....UP
2. Carburetor Heat .....COLD
3. Mixture .....Set
4. Lights .....as needed

### **SECURING AIRPLANE**

1. Parking brake .....SET
2. Avionics Power Switch, Electrical  
Equipment, .....OFF
3. Mixture .....IDLE CUT OFF
4. Ignition Switch .....OFF
5. Lights .....OFF(except beacon)
6. Master Switch .....OFF
7. Control lock .....INSTALLED
8. Wheel chocks .....in place
9. Tie downs .....secure
10. HOBBS & TACH .....record
11. Doors .....locked