

# AIRCRAFT CHECKLIST

## CESSNA 75776

### CABIN

Airworthiness Certificate .....CHECK  
Registration.....CHECK  
Operators Handbook .....CHECK  
Weight and Balance .....CHECK  
Squawks .....CHECK  
Maintenance Items... CHECK CURRENT  
Ignition Switch ..... verify OFF  
Master Switch ..... ON  
Flaps.....LOWER  
Fuel Quantity ..... CHECK QUANTITY  
Nav light ..... ON\*  
Beacon light ..... ON\*  
Taxi/Lnd light ..... ON\*  
Pitot heat ..... ON\*  
\* check functioning

Master..... OFF  
Fuel Selector Valve..... BOTH  
Gust Lock ..... DISCONNECT  
Windshield ..... CHECK CLEAN

### EMPENNAGE

Tie Down ..... REMOVE  
Control Surfaces..... CHECK for damage  
and loose or missing components

### RIGHT WING Trailing Edge

Flaps..... CHECK for damage  
and loose or missing components  
Aileron ..... CHECK for damage  
and loose or missing components

### RIGHT WING

Wing Tie Down..... DISCONNECT  
Main Tire.....CHECK (21psi)  
Fuel Sump ..... DRAIN SAMPLE  
Fuel Tank..... CHECK quantity  
Fuel Cap ..... SECURE

### NOSE

Engine Oil..... Min 4/Fill to 7/Max 8  
Fuel Strainer Drain .....PULL 4 sec  
Prop & Spinner..... CHECK for damage  
Nose Wheel Strut..... CHECK inflation  
Nose Wheel Tire ..... CHECK (30psi)

Static Source Opening.....CHECK

### LEFT WING

Wing Tie Down..... DISCONNECT  
Main Tire..... CHECK (21psi)  
Fuel Sump ..... DRAIN SAMPLE  
Fuel Tank..... CHECK quantity  
Fuel CAP ..... SECURE  
Stall Warning..... CHECK for stoppage  
Pitot Tube Cover ..... REMOVE

### LEFT WING Trailing Edge

Flaps..... CHECK for damage  
and loose or missing components  
Aileron ..... CHECK for damage  
and loose or missing components

### BEFORE STARTING ENGINE

Preflight Inspection..... COMPLETE  
Passenger Brief ..... COMPLETE  
Hobbs and Tach Times ..... RECORDED  
Seats..... AJUST & LOCK  
Seat Belts ..... AJUST & LOCK  
Fuel Selector Valve..... BOTH  
Master Avionics Switch..... OFF  
Brakes ..... TEST  
Parking Brake ..... SET  
Circuit Breakers..... CHECK IN

### STARTING ENGINE

Mixture ..... FULL RICH  
Carburetor Heat..... COLD  
Prime... AS REQUIRED (up to 3 strokes)  
Throttle ..... OPEN 1/2 inch  
Beacon Light Switch ..... ON  
Propeller Area ..... CLEAR  
Master Switch ..... ON  
Ignition Switch ..... START

### AFTER ENGINE START

Throttle ..... ADJUST 800-1000 RPM  
Oil Pressure ..... CHECK  
Mixture ..... LEAN for taxi (1")

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updated 11/10/2018

## **BEFORE TAXI**

Master Avionics Switch..... ON  
Radio..... ON  
Nav 1.....ON (if needed)  
Transponder..... SET SQUACK CODE  
Intercom..... ON  
Crew Communication.....CHECK  
ATIS/AWOS.....OBTAIN  
Clearance.....OBTAIN  
Flaps.....UP  
Parking Brake.....RELEASE  
Rolling Brake Test.....TEST

## **BEFORE TAKEOFF (run up)**

Parking Brake.....SET  
Cabin Doors..... CLOSED and LATCHED  
Flight Controls.....FREE and CORRECT  
Flight Instruments.....SET  
Fuel Selector Valve..... BOTH  
Elevator Trim.....SET  
Rudder Trim.....SET  
Flaps.....0° to 10°  
Carburetor Heat.....COLD  
Throttle.....1700 RPM  
Mixture.....7 twists ROP  
Carb Heat.....CHECK RPM drop  
Fuel Pressure.....CHECK  
Magnetos.....125 drop either  
50 differential  
Ammeter.....CHECK  
Engine Instruments.....CHECK  
Suction Gage.....CHECK in green  
Throttle.....800 to 1000 RPM  
Friction Lock.....SET  
Radios.....SET and CHECK  
Lights.....AS REQUIRED  
Transponder.....VERIFY SQUACK CODE  
Takeoff Brief.....COMPLETE  
Time.....CHECK  
Brakes.....RELEASE

## **NORMAL TAKEOFF**

Wing Flaps.....0° to 10°  
Carburetor Heat.....COLD  
Throttle.....FULL OPEN  
Elevator Control.....Rotate at 55 KIAS  
Climb Speed.....75-85 KIAS

## **SHORT FIELD TAKEOFF**

Wing Flaps.....10°  
Runway.....USE ALL  
Brakes.....APPLY  
Throttle.....FULL OPEN  
Engine Instruments.....CHECK  
Flight Controls.....NEUTRAL  
Brakes.....RELEASE  
Elevator.....ROTATE at 55 KIAS  
Climb Speed.....60 KIAS (Vx)  
-After clearing obstacle  
Climb Speed.....75 KIAS (Vy)  
-When Vy and positive rate of climb  
Flaps.....0°

## **SOFT FIELD TAKEOFF**

Wing Flaps.....10°  
Elevator Control.....FULL UP  
Taxi.....CONTINUOUS  
Throttle.....FULL OPEN  
Accelerate on mains  
Stay in ground effect until Vy  
Climb Speed.....75 KIAS (Vy)  
Flaps.....0°

## **AFTER TAKEOFF**

Flaps.....UP  
Transponder.....VERIFY ALT MODE  
Lights.....AS REQUIRED  
Fuel Pump.....OFF  
Mixture.....SET CHT <400°

## **ENROUTE CLIMB**

Airspeed.....75-85 KIAS  
Throttle.....FULL OPEN  
Mixture.....SET CHT <400°

## **CRUISE**

Power.....2100-2450 RPM  
Elevator Trim.....ADJUST  
Rudder Trim.....ADJUST  
Mixture.....SET CHT <375°

## **DESCENT**

Mixture ..... RICHEN

### **IN RANGE (when in radio range)**

ATIS ..... GET WEATHER INFO

Altimeter ..... SET

Align DG with Compass ..... COMPLETE

Avionics ..... SET

Approach Brief ..... COMPLETE

### **BEFORE LANDING**

Gas (fuel shut off valve) ..... ON

Under Carriage (gear) ..... DOWN

Mixture ..... RICH

Props ..... SET FOR LANDING

Seat Belts ..... ON

Switches ..... LIGHTS AS REQUIRED

AUX FUEL PUMP ON

Carburetor Heat ..... ON

### **NORMAL LANDING**

Airspeed ..... 75 KIAS

Wing Flaps ..... AS REQUIRED

Final Airspeed ..... 65 KIAS

Throttle ..... REDUCE to idle

Touchdown ..... MAIN WHEELS 1ST

Brakes ..... MIN REQUIRED

### **SHORT FIELD LANDING**

Initial Airspeed ..... 60-70 KIAS

Flaps ..... 40°

Final Airspeed ..... 60 KIAS (-0/+10)

Throttle ..... IDLE when appropriate

Touchdown ..... MAIN WHEELS FIRST

Brakes ..... APPLY HEAVILY

Flaps ..... 0°

Elevator ..... FULL BACK

### **SOFT FIELD LANDING**

Airspeed ..... 60-70 KIAS

Wing Flaps ..... 40°

Final Airspeed ..... 65 KIAS

Throttle ..... ABOVE IDLE

Touchdown ..... SOFTLY

Nose Wheel ..... KEEP UP

Elevator ..... FULL BACK

Brakes ..... MIN REQUIRED

## **REJECTED LANDING (go around)**

Throttle ..... FULL OPEN

Carburetor Heat ..... COLD

Airspeed ..... 60 KIAS

Wing Flaps ..... RETRACT incrementally

### **AFTER LANDING**

Flaps ..... UP

Mixture ..... LEAN for taxi (1")

Carburetor Heat ..... COLD

Transponder ..... AS REQUIRED

Aux Fuel Pump ..... OFF

### **ENGINE SHUTDOWN**

Parking Brake ..... AS REQUIRED

ELT ..... VERIFY NOT ACTIVE (121.5)

Master Avionics ..... OFF

Mixture ..... IDLE CUT OFF

Ignition Switch ..... OFF

Master Switch ..... OFF

### **SECURE AIRCRAFT**

Control Lock ..... INSTALL

Pitot Tube Cover ..... ATTACH

Wheel Chocks ..... PLACE

Tie Downs ..... ATTACH

Doors ..... LOCK

## EMERGENCY PROCEDURES

### ENGINE FAILURES

#### ENGINE FAILURE DURING TAKEOFF

Throttle ..... IDLE  
Brakes ..... APPLY  
Wing Flaps ..... RETRACT  
Mixture ..... IDLE CUT-OFF  
Ignition Switch ..... OFF  
Master Switch ..... OFF

#### ENGINE FAILURE

##### IMMEDIATELY AFTER TAKEOFF

Airspeed ..... 65 KIAS  
Mixture ..... IDLE CUT-OFF  
Fuel Selector Valve ..... OFF  
Wing Flaps ..... AS REQUIRED  
Master Switch ..... OFF

#### ENGINE FAILURE DURING FLIGHT

Airspeed ..... 65 KIAS  
Carburetor Heat ..... ON  
Mixture ..... RICH  
Fuel Selector Valve ..... BOTH  
Aux Fuel Pump ..... ON  
Primer ..... IN and LOCKED  
Ignition Switch ..... BOTH

#### FORCED LANDING

Airspeed ..... 65 KIAS  
Mixture ..... IDLE CUT-OFF  
Fuel Selector Valve ..... OFF

\* If time permits:

Emergency Call, Brief Passengers,  
Stow loose articles

Wing Flaps ..... 30°  
Master Switch ..... OFF  
Doors ..... UNLATCH  
Touchdown ..... SLIGHTLY TAIL LOW  
Brakes ..... APPLY HEAVILY

## EMERGENCY PROCEDURES

### FIRES

#### ENGINE FIRE DURING START

Cranking ..... CONTINUE  
If engine starts:  
Power ..... 1700 RPM for a few minutes  
Engine ..... SHUTDOWN  
If engine fails to start:  
Cranking ..... CONTINUE  
Fire Extinguisher ..... OBTAIN  
Engine ..... SECURE  
Master Switch ..... OFF  
Ignition Switch ..... OFF  
Fuel Selector Valve ..... OFF  
Fire ..... EXTINGUISH

#### ENGINE FIRE IN FLIGHT

Mixture ..... IDLE CUT-OFF  
Throttle ..... IDLE  
Fuel Selector Valve ..... OFF  
Cabin Heat & Air ..... OFF  
..... except for wing root vents  
Master Switch .... OFF after flap down  
Emergency Descent ..... INITIATE

#### CABIN FIRE IN FLIGHT

Master Switch ..... OFF  
All switches (except ignition) .... OFF  
Vents/Air/Heat ..... CLOSED  
Fire Extinguisher ..... EXTINGUISH  
Emergency Descent ..... INITIATE

#### WING FIRE

Navigation Light Switch ..... OFF  
Strobe Light Switch ..... OFF  
Pitot Heat Switch ..... OFF  
Emergency Descent ..... INITIATE

#### EMERGENCY DESCENT

Throttle ..... IDLE  
Airspeed ..... 85 KIAS  
Wing Flaps ..... 30°  
Rudder ..... FULL SLIP