

AIRCRAFT CHECKLIST

CESSNA 75776

CABIN

Airworthiness CertificateCHECK
Registration.....CHECK
Operators HandbookCHECK
Weight and Balance.....CHECK
SquawksCHECK
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 DrainPULL 4 sec
Prop & Spinner..... CHECK for damage
Nose Wheel Strut..... CHECK inflation
Nose Wheel TireCHECK (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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BEFORE TAXI

Master Avionics Switch ON
Radio ON
Nav 1 ON (if needed)
Transponder STANDBY
Intercom ON
Crew Communication CHECK
ATIS 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
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 SET SQUACK CODE
Transponder SET ALT
Takeoff Brief COMPLETE
Time CHECK
Brakes RELEASE
Aux Fuel Pump ON
Mixture FULL RICH

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
Lights AS REQUIRED
Fuel Pump OFF

ENROUTE CLIMB

Airspeed 75-85 KIAS
Throttle FULL OPEN
Mixture LEAN for altitude

CRUISE

Power 2100-2400 RPM
Elevator Trim ADJUST
Rudder Trim ADJUST
Mixture LEAN for altitude
EGT set 75° less/rich of peak

DESCENT

Mixture FULL RICH

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
Yoke TURN
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

Fuel Selector Valve OFF

Master Switch OFF

Cabin Heat & Air OFF

..... except for wing root vents

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

Airspeed 85 KIAS

Wing Flaps 30°

Rudder FULL SLIP