

# CESSNA 120 NORMAL CHECKLISTS

## PREFLIGHT INSPECTION

### PREFLIGHT—Cabin

- A-R-O-W Papers ..... Checked
- POH ..... Available in Airplane
- Magnetos ..... Off
- Fuel Quantity Indicators ..... Check Quantity
- Fuel Selector ..... Left or Right

### PREFLIGHT—Empennage

- Tail Tiedown ..... Remove
- Tail Springs ..... Check
- Control Surfaces ..... Check

### PREFLIGHT—Right Wing

- Aileron ..... Check
- Wing Tiedown ..... Remove
- Main Wheel Tire & Brake Pads ..... Check
- Fuel Sample ..... Obtain
- Fuel Quantity ..... Check Visually
- Fuel Filler Cap ..... Secure

### PREFLIGHT—Nose

- Engine Oil Level ..... Check (> 3 qts.)
- Fuel Drain ..... Check
- Propeller and Spinner ..... Check
- Carburetor Air Filter ..... Check
- Landing Light ..... Check
- Static Source Opening ..... Check

### PREFLIGHT—Left Wing

- Main Wheel Tire & Brake Pads ..... Check
- Pitot Tube Cover ..... Remove
- Fuel Sample ..... Obtain
- Fuel Quantity ..... Check Visually
- Fuel Filler Cap ..... Secure
- Fuel Tank Vent Opening ..... Check
- Stall Warning Opening ..... Check
- Wing Tiedown ..... Remove
- Aileron ..... Check

## PASSENGER BRIEFING

- Seat & Belt Adjustments
- No Touch Controls & Instruments
- Emergency Exit Procedure
- Vent & Heat Locations
- Intercom Operation
- Quiet During Radio Calls
- Look for Traffic

## BEFORE START CHECKLIST

- Preflight & Passenger Briefing ..... Complete
- Cell Phones ..... Off
- Seats / Belts / Harnesses ..... Adjusted & Locked
- Fuel Selector ..... Left or Right
- Radios and Electrical Equipment ..... Off
- Circuit Breakers ..... Check In
- Brakes ..... Hold

## STARTING ENGINE CHECKLIST

- Carburetor Heat ..... Cold
- Mixture ..... Out
- Throttle ..... Retard
- Prime ..... 3-4 Strokes
- Master Switch ..... On
- Strobe Light ..... On
- Prop Area ..... CLEAR
- Start Handle ..... Pull
- Throttle ..... Idle RPM
- Oil Pressure ..... Check
- Mixture ..... Set
- Radios ..... On

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## AFTER START CHECKLIST

- Electrical Equipment ..... On
- ATIS ..... Obtain
- Altimeter ..... Set
- Transponder ..... STBY
- Brakes ..... Test

## TAXI CHECKLIST

- Brakes ..... Test

## BEFORE TAKEOFF CHECKLIST

- Brakes ..... Toe Brake
- Trim ..... Takeoff
- Flight Controls ..... Free & Correct
- Fuel Selector ..... Left or Right
- Mixture ..... Rich
- Throttle ..... 1600 RPM
  - Carburetor Heat ..... Check for RPM drop
  - Engine Gauges ..... Check
  - Ammeter ..... Check
  - Oil Pressure ..... 30 PSI
  - Throttle ..... Idle RPM
- Instruments ..... Check
- Radios ..... Set
- Doors and Windows ..... Closed & Locked

## -----CLEARED FOR TAKEOFF-----

- Departure Time ..... Record
- Instruments ..... Check
- Transponder ..... ALT
- Landing Light ..... On

## NORMAL TAKEOFF

- Carburetor Heat ..... Off
- Throttle ..... Full
- Climb Speed ..... Vy 73 MPH

## SHORT FIELD / SOFT FIELD TAKEOFF

- Carburetor Heat ..... Off
- Throttle ..... Full
- Climb Speed ..... Vx 61 MPH  
..... Vy 73 MPH

## AFTER TAKEOFF CHECKLIST

- Oil Pressure ..... Check
- Oil Temperature ..... Check

## ENROUTE CLIMB

- Airspeed ..... 73-81 MPH
- Throttle ..... 2250-2380 RPM
- Mixture ..... Lean as needed

## CRUISE

- Power ..... Set (2300 RPM)
- Elevator Trim ..... Adjust
- Mixture ..... Lean
- Oil Temp / Pressure ..... Check (Max 200° F)
- Landing Light ..... Off

# CESSNA 120 NORMAL CHECKLISTS

## DESCENT CHECKLIST

- Seats & Belts ..... Secure
- Fuel Selector ..... Left or Right
- Mixture ..... Enrich
- Amp / Temps / Fuel ..... Green

## BEFORE LANDING CHECKLIST

- GUMPS check ..... Complete
- Fuel Selector ..... Left or Right
- Landing Light ..... On
- Seat Belts / Harnesses ..... On
- Mixture ..... Set
- Carburetor Heat ..... As Required
- Normal Approach ..... 70 MPH
- Short / Soft Field Approach ..... 65 MPH
- Wheel Landing ..... 80-85 MPH
- 3 Point Landing ..... 65-70 MPH

## GO AROUND

- Power ..... Full Throttle
- Carburetor Heat ..... Off
- Airspeed ..... 73 MPH
- ATC ..... Advise

## AFTER LANDING CHECKLIST

- Carburetor Heat ..... Off
- Mixture ..... Set
- Elevator Trim ..... Takeoff
- Transponder ..... STBY
- Exterior Lights ..... As Required

## PARKING CHECKLIST

- Panel Lights ..... Off
- Mixture ..... Set
- Master Switch ..... Off
- Magneto Switch ..... Off
- Hobbs / Tach Time ..... Record

## SECURING AIRCRAFT CHECKLIST

- Master Switch ..... Off
- Seat Belts ..... Straightened
- Garbage ..... Removed from cabin
- Air Inlet ..... Closed on both sides
- Tiedowns ..... Secured
- Cell Phones ..... On

# CESSNA 120 EMERGENCY CHECKLIST

*FLY THE AIRPLANE – SILENCE THE WARNING –  
CONFIRM THE EMERGENCY*

## ENGINE FAILURE DURING TAKEOFF

- Throttle ..... Idle
- Brakes ..... Apply
- ATC ..... Advise
- Exit Runway**
- Engine ..... Troubleshoot

## ENGINE FAILURE AFTER TAKEOFF

- Airspeed ..... 70 MPH
- Carburetor Heat ..... On
- Fuel Selector ..... Switch Tanks
- Troubleshoot ..... If Altitude Permits
- Mixture ..... Aft
- Magnetos ..... Off
- ATC ..... Advise
- Master Switch ..... Off

## ENGINE FAILURE IN FLIGHT

- Airspeed ..... 70 MPH
- Carburetor Heat ..... On
- Fuel Selector ..... Switch Tank
- Landing Site ..... Determine
- Primer ..... In and Locked
- Mixture ..... Rich or Adjust
- Engine (Mags On) ..... Restart
- ATC ..... Advise
- Transponder ..... 7700

## LANDING WITHOUT ENGINE POWER

- Airspeed ..... Best Glide
- Mixture ..... Idle Cutoff
- Fuel Selector ..... Off
- Below 500 Feet:**
- Master Switch ..... Off
- Doors ..... Unlatch

## ELECTRICAL FIRE

- Master Switch ..... Off
- Circuit Breakers ..... Check Which is Out
- Fire ..... Extinguish
- Vents ..... Open if Smoke Enters
- ATC ..... Advise

## ENGINE FIRE

### On Ground:

- Cranking ..... Continue

### If Engine Starts:

- Power ..... 1700 RPM
- Engine ..... Shutdown & Inspect

### If engine fails to start:

- Throttle ..... Full Open
- Mixture ..... Full Aft
- Cranking ..... Continue
- Fire Extinguisher ..... Obtain
- Engine ..... Secure
  - Master Switch ..... Off
  - Fuel Selector ..... Off

### In Flight :

- Magnetos ..... Off
- Mixture ..... Full Aft
- Fuel Selector ..... Off
- Airspeed ..... Increase to Extinguish Fire
- ATC ..... Advise
- Master Switch ..... Off
- Vents / Windows ..... Open if Smoke Enters
- Accomplish LANDING WITHOUT ENGINE

## ALTERNATOR-TROUBLESHOOT

- Generator Circuit Breaker ..... Check
- Master Switch ..... Cycle
- Ammeter ..... Confirm Discharge
- Electrical Load ..... Reduce
- LAND AT NEAREST SUITABLE AIRPORT

## HIGH OIL TEMPERATURE

- Oil Pressure ..... Check
- Mixture ..... Richen
- Airspeed ..... Increase
- Power ..... Reduce
- If unable to resolve:**
- LAND AT NEAREST SUITABLE AIRPORT

## LOW OIL PRESSURE

- Power ..... Reduce to 1800 RPM
- Mixture ..... Richen
- ATC ..... Advise
- LAND AT NEAREST SUITABLE AIRPORT