

*SPEEDS are KIAS for Standard Day at Sea Level, max Gross Weight, & normal operating conditions. Speeds shown are taken from the published Aircraft Information Manual.

CESSNA C-172N PILOT'S CONDENSED CHECKLIST

PREFLIGHT

1. DOCS/SQUAWKS – CK ARROW
2. CONTROL LOCK – REMOVE
3. IGNITION SWITCH - OFF
4. AVIONICS – OFF
5. MASTER SW – ON
6. FUEL INDICATORS – CK
7. LIGHTS – CK
8. FLAPS – DOWN
9. MASTER SW – OFF
10. FUEL SELECTOR - BOTH
11. L.FUEL DRAIN – SUMP
12. BAGGAGE DOOR – CK
13. ANTENNAS – CK
14. L.FUSELAGE – CK
15. TAIL SURFACES – CK
16. L.ELEVATOR - CK
17. RUDDER G.LOCK – REMOVE
18. ACTUATOR CABLES – CK
19. RUDDER/BOLTS – CK
20. TAIL TIE DOWN – REMOVE
21. R.ELEVATOR – CK
22. TRIM ACTUATOR – CK
23. R.FUSELAGE – CK
24. RIGHT FLAP – SECURE
25. R.AILERON – CK/FREE PLAY
26. RIGHT WING – NO DAMAGE
27. WING TIE DOWN – REMOVE
28. R.MAIN GEAR – CK
29. R.BRAKES – CK
30. R.FUEL DRAINS – SUMP
31. R.FUEL LEVEL – CK/CAP ON
32. OIL – CK 4-6 QTS (100 PLUS)
33. FUEL STRAINER – DRAIN
34. NOSE STRUT – CK/ 3"
35. PROP/SPINNER – CK
36. STATIC PORT – CLEAR
37. L.FUEL LEVEL – CK/ CAP ON
38. LEFT WING – NO DAMAGE
39. WING TIE DOWN – REMOVE
40. PITOT TUBE – CLEAR
41. FUEL VENT – CLEAR
42. STALL WARNING - CLEAR
43. L.AILERON – CK/ FREE PLAY
44. L, FLAP – SECURE
45. L, MAIN GEAR – CK
46. L, BRAKE - CK

BEFORE STARTING

1. PREFLIGHT – COMPLETE
2. TIE DOWNS/CHOCKS – REMOVED
3. PASSENGER BRP - COMPLETE
4. SEATS/SEATBELTS – SECURED
5. BRAKES - SET
6. AVIONICS/ELEC. – OFF
7. KEY – IN IGNITION (MAG) SW

STARTING ENGINE

1. FUEL SELECTOR – BOTH
2. MIXTURE – RICH
3. CARB HEAT – OFF
4. FLASHING BEACON – ON
5. MASTER SW – ON
6. PRIME – AS REQ/CK LOCKED IN
7. THROTTLE – OPEN 1/2 INCH
8. PROP AREA – CLEAR/CK VISUAL
9. IGNITION SW – START
10. THROTTLE – 900-1,000 RPM
11. OIL PRESSURE – GREEN/30 SEC
12. AVIONICS MS – ON
13. GPS -CONFIRM & RADIOS-SET
14. TRANSPONDER – STANDBY
15. FLAPS – UP
16. MIXTURE – GROUND LEAN
17. LIGHTS – AS REQ.

TAXI

1. COMMICATE & DG - SET
2. FLT CONTROLS – SET FOR WIND
3. BRAKES – CK

SPEEDS	Vfe 85 10°- 40°	
Vx 59	Vne 160	
Vy 73	Vso 41	Vs 47
Vr 55	Vno 128	

CAUTION! This checklist is intended as a memory aid only. All pilots should be familiar with the Approved Flight Manual. Any differences therein take precedence over this checklist.

CESSNA C-172N PILOT'S CONDENSED CHECKLIST

BEFORE TAKEOFF

1. BRAKES – SET
 2. CABIN DOORS – CLSD/LCKD
 3. FLT CONTROLS – FREE/CORRECT
 4. FLIGHT INSTRUMENTS – CK/SET
 5. RADIOS/GPS– SET
 6. TRANSPONDER -SET CODE
 7. FUEL SELECTOR – BOTH
 8. MIXTURE – RICH
 9. TRIM – SET
- RUNUP**
10. THROTTLE – 1700 RPM
 11. CARB. HEAT – CK DROP/RISE
 12. MAGS – ± 50 L/R MAX 125 DROP
 13. AMMETER – CK
 14. SUCTION GAUGE - CK
 15. ENGINE INST – CK
 16. ANNUNCIATORS – CK
 17. THROTTLE – 1,000 RPM
 18. SITUATION – REVIEW
 19. FLAPS – SET FOR TAKEOFF
- TAKEOFF**
20. VISUAL CLEAR /ANNOUNCE
 21. LIGHTS – ON
 22. TRANSPONDER – SET TO ALT
 23. TIME – NOTE
 24. ROTATE - @ 55 KIAS

CLIMB

1. AIRSPEED – 73 KIAS
2. FLAPS – UP (ABOVE OBSTACLES)
3. THROTTLE – FULL
4. MIXTURE – LEAN AS REQ.

CRUISE

1. PITCH – LEVEL
2. POWER – 2200 – 2700 RPM
3. TRIM – SET
4. MIXTURE – LEAN AS REQ.
5. LIGHTS – AS REQ.
6. ENGINE INST. – CK/MONITOR

DESCENT

6. FUEL SELECTOR – BOTH
7. POWER – AS REQ.
8. CARB. HEAT – AS REQ.
9. MIXTURE – AS REQ.
10. RADIOS/ATIS – SET/RECVD

BEFORE LANDING

1. SEATBELTS & SEAT – ON/SET
2. FUEL SELECTOR – BOTH
3. MIXTURE – RICH
4. CARB. HEAT – ON
5. LANDING LIGHTS – ON
6. FLAPS – AS REQ. BELOW 85 KIAS

AFTER LANDING

1. FLAPS – UP
2. MIXTURE – GROUND LEAN
3. CARB HEAT – OFF
4. LIGHTS – AS REQ.
5. PITOT HEAT – OFF
6. TRANSPONDER – STBY/1200
7. RADIOS - SET
8. REFUEL -1/2 OR LESS AS REQ

SHUTDOWN

1. BRAKES – AS REQ.
2. THROTTLE – 1,000 RPM
3. LIGHTS (Except Beacon)– OFF
4. AVIONICS MASTER – OFF
5. MIXTURE – IDLE CUTOFF
6. MAG SW – OFF/KEY OUT
7. MASTER SWITCH – OFF
8. CONTROL LOCK – INSTALL
9. TIE DOWNS - SECURE
10. PITOT COVER / COWL PLUGS—REPLACE ALL
11. CLEAN WINDOWS - AS REQ

CLOSE YOUR FLIGHT PLAN

AIRSPPEED BEST GLIDE=65KTS / BEST LANDING SITE / COMMUNICATE 121.5

CESSNA C-172N EMERGENCY CHECKLIST

ABNORMAL INDICATIONS ON TAKEOFF ROLL

- 1. THROTTLE – IDLE**
- 2. BRAKES – APPLY**
3. FLAPS – RETRACT
4. MIXTURE – CUT-OFF IF REQ.
5. IGNITION SWITCH – OFF IF REQ.
6. MASTER SWITCH - OFF IF REQ.

ENGINE FAILURE IMMEDIATELY AFTER TAKEOFF

- 1. AIRSPEED – 65 KIAS (flaps UP) - 60 KIAS (flaps DOWN)**
2. MIXTURE – IDLE CUT-OFF
3. FUEL SELECTOR VALVE – OFF
4. IGNITION SWITCH – OFF
5. WING FLAPS – AS REQUIRED
6. MASTER SWITCH - OFF

ENGINE FAILURE DURING FLIGHT (RESTART PROCEDURE)

- 1. AIRSPEED – 65 KIAS**
- 2. CARB. HEAT – ON**
- 3. FUEL SELECTOR VALVE – BOTH**
4. MIXTURE – RICH
5. IGNITION SWITCH – BOTH (START IF PROPELLER IS STOPPED)
6. PRIMER – IN and LOCKED

BOLD items are immediate action items, which should be committed to memory. Other emergency actions should be performed by reference to checklists.

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EMERGENCY LANDING WITHOUT ENGINE POWER

1. AIRSPEED – 65 KIAS (flaps UP)
- 60 KIAS (flaps DOWN)
2. MIXTURE – IDLE CUT-OFF
3. FUEL SELECTOR VALVE – OFF
4. IGNITION SWITCH – OFF
5. WING FLAPS – AS REQ.
6. MASTER SWITCH – OFF
7. PASSENGERS - BRIEF
8. SEATS/SEATBELTS - SECURE
9. DOORS – UNLATCH PRIOR TO TOUCHDOWN
10. TOUCHDOWN – SLIGHTLY TAIL LOW
11. BRAKES – APPLY HEAVILY

PRECAUTIONARY LANDING WITH ENGINE POWER

1. AIRSPEED – 60 -65 KIAS
2. LANDING SITE – OVERFLY/OBSERVE/INSPECT
3. AVIONICS MASTER - OFF
4. ELECTRICAL SWITCHES – OFF
5. WING FLAPS – 40° (recommended)
6. AIRSPEED – 60 KIAS
7. MASTER SWITCH – OFF
8. PASSENGER BRIEF (GLASSES OFF)
9. DOOR – UNLATCH PRIOR TO TOUCHDOWN

CABIN FIRE

- 1. MASTER SWITCH – OFF**
- 2. VENTS/CABIN AIR/HEAT – CLOSED/OFF**
- 3. FIRE EXTINGUISHER – ACTIVATE**
4. CABIN – VENTILATE
5. LAND as soon as POSSIBLE

CESSNA C-172N EMERGENCY CHECKLIST

ENGINE FIRE DURING START

- 1. CRANKING – CONTINUE TO GET A START**
- If engine starts:
2. POWER – 1700 RPM FEW MINS.
 3. ENGINE – SHUTDOWN/INSPECT
- If engine FAILS to start:
- 4. THROTTLE – FULL OPEN**
 - 5. MIXTURE – IDLE CUT-OFF**
 - 6. CRANKING - CONTINUE**
 7. FIRE EXTINGUISHER – OBTAIN
 8. ENGINE – SECURE
 9. MASTER SW – OFF
 10. IGNITION SW – OFF
 11. FUEL SELECTOR VALVE – OFF
 12. EXTINGUISH FIRE
 13. INSPECT FOR FIRE DAMAGE

ENGINE FIRE DURING FLIGHT

- 1. MIXTURE – IDLE CUT-OFF**
- 2. FUEL SELECTOR VALVE – OFF**
3. MASTER SWITCH – OFF
4. CABIN HEAT & AIR – OFF (except overheard vents)
5. AIRSPEED – 100 KIAS (if fire is not extinguished, increase airspeed)
6. FORCED LANDING - EXECUTE

OVER-VOLTAGE LIGHT ILLUMINATES

1. AVIONICS POWER - OFF
 2. MASTER SWITCH – OFF (ALT/BATT)
 3. MASTER SWITCH – ON (ALT/BATT)
 4. OVER-VOLTAGE LIGHT – OFF
 5. AVIONICS POWER – ON
- If over-voltage light illuminates again:
6. FLIGHT – LAND as soon as POSSIBLE

ELECTRICAL FIRE IN FLIGHT

1. MASTER SWITCH – OFF
 2. VENTS/CABIN AIR/HEAT – OPEN
 3. AVIONICS POWER – OFF
 4. **FIRE EXTINGUISHER – ACTIVATE**
 5. ALL OTHER SWITCHES (except ignition switch) – OFF
- If fire is out & power is needed:*
6. MASTER SWITCH – ON
 7. **CIRCUIT BREAKERS – CHECK** for faulty circuit, **DO NOT RESET.**
 8. RADIO SWITCHES – OFF
 9. AVIONICS POWER – ON
 10. RADIO/ELECTRICAL SWITCHES – ON one at a time as needed.

WING FIRE

1. **ALL LIGHTS – OFF**
2. **PITOT HEAT – OFF**
3. PERFORM SIDE SLIP TO KEEP FLAMES AWAY FROM FUEL
4. **LAND as soon as POSSIBLE**
5. FLAPS - AS REQUIRED FOR APPROACH/TOUCHDOWN

AMMETER SHOWS DISCHARGE

1. ALTERNATOR – OFF
2. NONESSENTIAL RADIO/ELECTRICAL EQUIPMENT – OFF
3. FLIGHT – LAND as soon as PRACTICAL

FLY THE AIRPLANE FIRST!