



**CESSNA 172SP  
CESSNA SKYHAWK  
NORMAL CHECKLISTS**

**PREFLIGHT: CABIN**

- REGISTRATION/AIRWORTHINESS CERTIFICATE ..... CHECK
- POH.....ACCESSIBLE TO PILOT
- WEIGHT AND BALANCE ..... CHECK/COMPLETE
- CONTROL WHEEL LOCK .....REMOVE
- MASTER..... OFF
- MAGS ..... OFF
- BEACON..... ON
- AVIONICS..... OFF
- THROTTLE..... IDLE
- MIXTURE ..... IDLE
- FLAPS .....UP
- FUEL SELECTOR ..... BOTH
- FUEL SHUTOFF VALVE .....IN
- TRIM ..... T/O
- ALTERNATE STATIC..... TEST
- HOBBES & TACH..... RECORD
- MASTER..... ON
- FLAPS .....DOWN
- FUEL GUAGES ..... CHECK
- ANNUCIATOR PANEL..... TEST
- LIGHTS..... TEST
- PARKING BREAK.....SET
- 360 WALKAROUND .....COMPLETE
- MASTER..... OFF

## EMPENAGE

|                                      |         |
|--------------------------------------|---------|
| WINDOWS .....                        | CLEAN   |
| BAGGAGE DOOR .....                   | CLOSED  |
| STATIC PORT (AUTOPILOT) .....        | CLEAR   |
| ELEVATOR/HORIZONTAL STABILIZER ..... | INSPECT |
| GROUNDING WIRES .....                | INSPECT |
| COUNTER WEIGHT .....                 | INSPECT |
| STATIC WICKS .....                   | INSPECT |
| TAIL & TIEDOWN & HOOK .....          | REMOVED |
| RUDDER/VERTICAL STAB .....           | INSPECT |
| STATIC WICK .....                    | INSPECT |
| TRIM TAB.....                        | INSPECT |
| LIGHTS.....                          | INSPECT |
| VOR ANTENNA (2).....                 | INSPECT |
| ELEVATOR TRIM TAB .....              | INSPECT |
| STATIC WICK .....                    | INSPECT |
| ELT ANTENNA .....                    | INSPECT |
| WINDOWS.....                         | CLEAN   |

## RIGHT WING

|                        |         |
|------------------------|---------|
| COMM ANTENNA.....      | INSPECT |
| FLAP .....             | INSPECT |
| AILERON .....          | INSPECT |
| COUNTER WEIGHTS.....   | INSPECT |
| WINGTIP.....           | INSPECT |
| LIGHTS.....            | INSPECT |
| LEADING EDGE.....      | INSPECT |
| TIEDOWN .....          | REMOVED |
| STRUT.....             | INSPECT |
| SUMP (5) .....         | DRAIN   |
| TIRE (ROLL BACK) ..... | INSPECT |
| BRAKES.....            | INSPECT |
| WINDOWS.....           | INSPECT |
| VENTS.....             | INSPECT |
| FUEL QUANTITY .....    | INSPECT |
| FUEL FILLER CAP.....   | SECURE  |
| TOP WING .....         | INSPECT |

## NOSE

|                            |                 |
|----------------------------|-----------------|
| OIL QUANTITY .....         | CHECK/6+ QUARTS |
| WINDSCREEN.....            | INSPECT         |
| CABIN AIR INTAKE.....      | INSPECT         |
| SUMPS (3).....             | DRAIN           |
| NOSE STRUT .....           | INSPECT         |
| TIRE (ROLL BACK) .....     | INSPECT         |
| ENGINE COOLING INLETS..... | INSPECT         |
| ALTERNATOR BELT .....      | INSPECT         |
| PROP/SPINNER .....         | INSPECT         |
| INTAKE/AIR FILTER.....     | INSPECT         |
| COWLING .....              | INSPECT         |
| STATIC PORT.....           | INSPECT         |

## LEFT WING

|                        |         |
|------------------------|---------|
| VENTS.....             | INSPECT |
| FUEL QUANTITY .....    | INSPECT |
| FUEL FILLER CAP.....   | SECURE  |
| WING TOP .....         | INSPECT |
| PITOT TUBE.....        | INSPECT |
| STRUT.....             | INSPECT |
| STALL VENT.....        | INSPECT |
| FUEL TANK VENT.....    | INSPECT |
| TIE DOWN.....          | REMOVE  |
| LEADING EDGE.....      | INSPECT |
| LAND/TAXI LIGHT.....   | INSPECT |
| WINGTIP.....           | INSPECT |
| STROBE/NAV .....       | INSPECT |
| AILERON .....          | INSPECT |
| COUNTER WEIGHT .....   | INSPECT |
| STATIC WICK.....       | INSPECT |
| FLAP .....             | INSPECT |
| FUEL SUMPS (5) .....   | DRAIN   |
| TIRE (ROLL BACK) ..... | INSPECT |
| BRAKE .....            | INSPECT |
| WINDOWS... ..          | INSPECT |

## ENGINE START

PREFLIGHT .....COMPLETE  
PASSENGER/CREW BRIEFING.....COMPLETE  
SEATBELTS ..... ON  
SEATS ..... SET/LOCKED  
FUEL SELECTOR ..... BOTH  
FUEL SHUTOFF VALVE .....IN  
MIXTURE ..... RICH  
THROTTLE..... $\frac{1}{4}$  INCH OPEN  
AVIONICS..... OFF  
CIRCUIT BREAKERS.....IN  
BEACON..... ON  
PARKING BRAKE.....SET  
PROP AREA..... CLEAR  
MASTER..... ON  
FUEL PUMP..... PRIME  
MIXTURE .....IDLE CUTOFF  
STARTER ..... ENGAGE  
THROTTLE.....1000 RPM  
OIL PRESSURE ..... CHECK  
ENGINE INSTRUMENTS..... CHECK  
ANNUNCIATOR PANEL..... CHECK  
LIGHTS..... AS REQUIRED  
MIXTURE ..... LEAN

## TAXI

AVIONICS..... ON  
RADIOS..... ON  
ATIS.....RECEIVE  
CLEARANCE..... OBTAIN  
ELECTRIC TRIM..... TEST  
AUTOPILOT ..... OFF  
FLIGHT INSTRUMENTS..... CHECK  
INSTRUMENT/ICC .....COMPLETE  
TRANSPONDER .....STANDBY  
FLAPS ..... UP  
PARKING BRAKE..... RELEASE  
BRAKES..... CHECK

## RUN UP

|                         |                  |
|-------------------------|------------------|
| PARKING BRAKE.....      | SET              |
| FLIGHT CONTROLS.....    | FREE AND CORRECT |
| FUEL QUANTITY .....     | CHECK            |
| ENGINE INSTRUMENTS..... | CHECK            |
| FUEL PUMP.....          | TEST             |
| MIXTURE .....           | RICH             |
| TRIM .....              | TAKEOFF          |
| FUEL SELECTOR .....     | BOTH             |
| THROTTLE.....           | 1800 RPM         |
| ENGINE INSTRUMENTS..... | CHECK            |
| AMMETER .....           | CHECK            |
| MAGS.....               | CHECK            |
| THROTTLE.....           | IDLE             |
| THROTTLE.....           | 1000 RPM         |
| MIXTURE .....           | LEAN             |
| MAGS.....               | CHECK BOTH       |

## TAKEOFF

|                                       |                    |
|---------------------------------------|--------------------|
| PRE T/O BRIEF.....                    | COMPLETE           |
| SEATBELTS .....                       | VERIFY ON          |
| WINDOWS/DOORS .....                   | CLOSED AND LATCHED |
| FUEL SELECTOR .....                   | BOTH               |
| TRIM .....                            | SET FOR TAKEOFF    |
| COMMS, NAVS, FLIGHT INSTRUMENTS ..... | SET                |
| T/O CLEARANCE .....                   | OBTAIN             |
| PARKING BRAKE.....                    | RELEASE            |
| LIGHTS.....                           | ON                 |
| MIXTURE .....                         | FULL RICH          |
| FLAPS .....                           | SET                |
| TRANSPONDER .....                     | ALT                |
| 500 FT.....                           | 85 KTS             |

## CLIMB 1000 FT

LIGHTS..... AS NEEDED  
MIXTURE .....LEAN TO TOP OF GREEN ARC  
FLAPS .....UP

## CRUISE

LIGHTS..... OFF  
POWER.....SET  
MIXTURE ..... LEAN

## BEFORE LANDING/DESCENT

SEAT BELTS ..... ON  
APPROACH BRIEF .....COMPLETE  
ATIS..... OBTAIN  
LIGHTS..... ON  
THROTTLE..... 100 KTS  
MIXTURE .....FULL RICH  
FUEL SELECTOR ..... BOTH  
SHUTOFF VALVE..... CLOSED

## AFTER LANDING

LIGHTS..... AS REQUIRED  
THROTTLE.....1000  
MIXTURE ..... LEAN  
FLAPS .....UP  
TRANSPONDER .....STANDBY  
TRIM ..... SET FOR TAKEOFF

## SHUTDOWN

RAMP IN (122.9) .....COMPLETE  
AVIONICS..... OFF  
THROTTLE.....1000  
MIXTURE .....IDLE CUTOFF  
THROTTLE.....CLOSE  
MAGS ..... OFF  
LIGHTS..... OFF  
MASTER..... OFF

## SECURE

CONTROL LOCK.....SET  
HOBBS/TACH ..... RECORDED  
CLEAN COCKPIT..... VERIFIED  
DOORS ..... SHUT/LOCKED  
TIED DOWN ..... 3-POINT  
360 WALK AROUND .....COMPLETE





**CESSNA 172SP  
CESSNA SKYHAWK  
EMERGENCY/ABNORMAL  
CHECKLISTS**

**ENGINE FAILURE BEFORE Vr**

- THROTTLES ..... IDLE
- BRAKES..... APPLY
- WING FLAPS ..... RETRACT
- MIXTURE ..... IDLE CUTOFF
- IGNITION SWITCH ..... OFF
- MASTER SWITCH..... OFF

**ENGINE FAILURE AFTER Vr RWY REMAINING**

- AIRSPEED .....68 KIAS
- MIXTURE ..... IDLE CUT-OFF
- MAGS ..... OFF
- FUEL SELECTOR ..... OFF
- FUEL SHUTOFF VALVE ..... IN
- FLAPS ..... AS REQUIRED
- EMERGENCY ..... DECLARE
- MASTER SWITCH..... OFF
- CABIN DOOR..... UNLATCH
- LAND ..... STRAIGHT AHEAD
- BRAKES..... APPLY

## ENGINE FAILURE NO RUNWAY REMAINING BELOW 500'

AIRSPPEED.....68 KIAS  
BEST PLACE TO LAND ..... IDENTIFIED  
MIXTURE ..... IDLE CUT-OFF  
MAGS ..... OFF  
FUEL SELECTOR ..... OFF  
FLAPS ..... AS REQUIRED  
EMERGENCY ..... DECLARE  
MASTER SWITCH..... OFF  
CABIN DOOR..... UNLATCH  
LAND ..... STRAIGHT AHEAD

## ENGINE FAILURE NO RWY REMAINING/ABOVE 500'

AIRSPPEED.....68 KIAS  
BEST PLACE TO LAND ..... IDENTIFIED  
FUEL SELECTOR VALVE ..... BOTH  
FUEL SHUTOFF VALVE .....IN  
MIXTURE ..... RICH  
THROTTLE..... ¼ INCH  
AUX FUEL PUMP ..... ON  
MAGS ..... ON  
MAGS ..... BOTH/START

### IF ENGINE DOESN'T START:

FUEL SELECTOR VALVE ..... BOTH  
FUEL SHUTOFF VALVE .....IN  
MIXTURE .....IDLE CUTOFF  
THROTTLE..... FULL FOWARD  
AUX FUEL PUMP ..... OFF  
MAGS ..... BOTH/START

SQUAK.....7700  
DECLARE EMERGENCY.....121.5  
ENGINE RESTART CHECKLIST.....COMPLETE

## EMERGENCY LANDINGS WITHOUT ENGINE POWER

PASSENGER SEAT BACKS ..... UP  
SEATS AND SEAT BELTS ..... SECURE  
AIRSPEED..... 68 KIAS  
MIXTURE ..... IDLE CUT-OFF  
FUEL SELECTOR ..... OFF  
FUEL SHUTOFF VALVE ..... OUT  
MAGS ..... OFF  
FLAPS ..... AS REQUIRED (30 RECOMMENDED)  
AVIONICS MASTER SWITCH AND ELECTRICAL..... OFF  
MASTER..... OFF  
DOORS ..... UNLATCH  
TOUCHDOWN ..... SLIGHTLY TAIL LOW  
BRAKES..... APPLY HEAVILY

## EMERGENCY LANDING WITH ENGINE POWER

PASSENGER SEAT BACKS ..... UP  
SEATS AND SEAT BELTS ..... SECURE  
AIRSPEED..... 68 KIAS  
FLAPS ..... AS REQUIRED  
SELECTED FIELD..... FLY OVER  
AVIONICS MASTER SWITCH AND ELECTRICAL..... OFF  
MASTER SWITCH..... OFF  
DOORS ..... UNLATCHED PRIOR TO TOUCHDOWN  
TOUCHDOWN ..... SLIGHTLY TAIL LOW  
BRAKES..... APPLY HEAVILY

## DITCHING

RADIO ..... TRANSMIT MAYDAY ON 121.5 MHZ  
TRANSPONDER ..... 7700  
HEAVY OBJECTS .....SECURE/JETTISON  
SEAT BACKS ..... UP  
SEATS AND SEAT BELTS ..... SECURE  
FLAPS ..... FULL  
POWER..... ESTABLISH 300FT/MIN DECENT AT 55 KIAS  
HIGH WINDS/HEAVY SEAS..... INTO WIND  
LIGHT WINDS/HEAVY SWELLS ..... PARALLEL TO SWELLS  
CABIN DOORS ..... UNLATCH  
TOUCHDOWN ..... LEVEL ATTITUDE  
FACE.....CUSHION AT TOUCHDOWN  
ELT ..... ACTIVATE  
AIRPLANE .....EVACUATE  
LIFE RAFTS AND VESTS ..... INFLATE WHEN CLEAR OF A/C

## ENGINE FIRE DURING START ON GROUND

MAGS/STARTER .....CONTINUE CRANKING

### IF ENGINE STARTS:

POWER.....1800 RPM FOR A FEW MINUTES  
FIRE EXTINGUISHER..... OBTAIN  
ENGINE..... SHUTDOWN AND INSPECT FOR DAMAGE

### IF ENGINE FAILS TO START:

THROTTLE..... FULL OPEN  
MIXTURE .....IDLE CUTOFF  
CRANKING ..... CONTINUE  
FUEL SELECTOR ..... OFF  
FUEL SHUTOFF VALVE ..... OUT  
AUX FUEL PUMP SWITCH ..... OFF  
FIRE EXTINGUISHER..... OBTAIN  
MASTER SWITCH..... OFF  
MAGS ..... OFF  
AIRPLANE .....EVACUATE  
FIRE ..... EXTINGUISH  
FIRE DAMAGE ..... INSPECT

## ENGINE FIRE DURING FLIGHT

MIXTURE ..... IDLE CUT OFF  
FUEL SELECTOR ..... OFF  
FUEL SHUTOFF VALVE  
AUX FUEL PUMP SWITCH ..... OFF  
MASTER SWITCH ..... OFF  
CABIN HEAT/AIR ..... OFF  
AIRSPEED ..... 100 KIAS  
FORCED LANDING ..... EXECUTE  
FIRE EXTINGUISHER ..... ACTIVATE AS REQUIRED

## ELECTRICAL FIRE IN FLIGHT

MASTER SWITCH ..... OFF  
VENTS, CABIN AIR, HEAT ..... CLOSED  
FIRE EXTINGUISHER ..... ACTIVATE  
AVIONICS MASTER SWITCH ..... OFF  
ALL OTHER SWITCHES (EXCEPT MAGS) ..... OFF  
VENTS/CABIN AIR/HEAT ..... OPEN  
..... WHEN FIRE IS COMPLETELY EXTINGUISHED  
MASTER SWITCH ..... ON  
CIRCUIT BREAKERS ..... CHECK FOR FAULTY CIRCUIT  
..... DO NOT RESET  
RADIO SWITCHES ..... OFF  
AVIONICS MASTER SWITCH ..... ON  
RADIO/ELECTRICAL SWITCHES ..... ON, ONE AT A TIME  
..... WITH DELAY UNTIL SHORT CIRCUIT IS LOCALIZED

## CABIN FIRE

MASTER SWITCH ..... OFF  
VENTS/CABIN AIR/HEAT ..... CLOSED  
FIRE EXTINGUISHER ..... ACTIVATE  
VENTS/CABIN AIR/HEAT ..... OPEN  
..... WHEN FIRE IS COMPLETELY EXTINGUISHED  
LAND ..... AS SOON AS POSSIBLE

## WING FIRE

LANDING/TAXI LIGHT SWITCHES ..... OFF  
NAV LIGHTS ..... OFF  
STROBE LIGHTS ..... OFF  
PITOT HEAT..... OFF  
AIRSPEED..... INCREASE  
LAND ..... ASAP

## AMMETER EXCESSIVE

ALTERNATOR ..... OFF  
ALTERNATOR CB ..... PULL OUT  
ELECTRICAL LOAD ..... REDUCE  
LAND ..... ASAP

## LOW VOLTAGE

AVIONICS..... OFF  
ALTERNATOR BREAKER .....IN  
MASTER..... RECYCLE  
LOW VOLTAGE ANNUNCIATOR..... CHECK

### IF ANNUNCIATOR COMES BACK ON:

ALTERNATOR ..... OFF  
ELECTRICAL LOAD ..... REDUCE  
LAND ..... ASAP

## INADVERTENT ICING ENCOUNTER

PITOT HEAT..... ON  
TURN BACK OR CHANGE ALTITUDE  
DEFROSTER..... ON  
THROTTLE..... FULL  
BEST PRACTICAL LANDING SITE ..... IDENTIFIED  
FLAPS ..... UP  
WINDSHIELD ..... CLEAN  
AIRSPEED......90 KIAS  
LAND ..... LEVEL ATTITUDE

## V SPEEDS

|                  |     |
|------------------|-----|
| VSO .....        | 40  |
| VS.....          | 48  |
| VX .....         | 62  |
| VY .....         | 74  |
| VFE 10 .....     | 110 |
| VFE 10-30 .....  | 85  |
| VNO .....        | 129 |
| VNE .....        | 163 |
| VA               |     |
| 2550 LBS.....    | 105 |
| 2200 LBS.....    | 98  |
| 1900.....        | 90  |
| VWINDOW.....     | 158 |
| MAX X-WIND ..... | 15  |

**THIS CHECKLIST IS NOT A SUBSTITUTE FOR THE AIRCRAFT'S PILOT OPERATING  
HANDBOOK.**