

## C-172SP EMERGENCY CHECKLIST:

### ENGINE FAILURE RESTART:

1. Airspeed - 68 KIAS
2. Fuel Shutoff - ON (PUSH IN)
3. Fuel Selector Valve - BOTH
4. Aux Fuel Pump - ON
5. Mixture - RICH
6. Magnetos - ON / START

### ENGINE FAILURE TAKE OFF:

1. Airspeed - 68 KIAS
2. Mixture - LEAN (ICO)
3. Fuel Shutoff - OFF (PULL OUT)
4. Magnetos - OFF
5. Flaps - AS REQ
6. Master Switch - OFF
7. Doors - UNLATCH
8. Land - STRAIGHT AHEAD

### FORCED LANDING:

1. Seat / Seat Belts - SECURE
2. Airspeed - 68 KIAS
3. Mixture - LEAN (ICO)
4. Fuel Shutoff - OFF (PULL OUT)
5. Magnetos - OFF
6. Flaps - AS REQ
7. Master Switch - OFF
8. Doors - UNLATCH
9. Land - TAIL LOW
10. Brakes - APPLY

### LOW VOLTAGE LIGHT:

1. Avionics Master Switch - OFF
2. Alternator Breaker - IN
3. Master Switch - OFF
4. Master Switch - ON
- ~Voltage Light - OFF
5. Avionics Master Switch - ON
- ~Voltage Light - ON
6. Alternator - OFF
7. Avionics - AS REQ
8. System Switches - AS REQ

### ENGINE OVER-HEAT

1. Mixture - ENRICH AS REQ
2. Power - LOW CRUISE
3. Descend - COOL ENGINE
4. Land - WHEN ABLE

### DITCHING:

1. Heavy Items - JETTISON
2. Seat & Belts - SECURE
3. Flaps - 20° to 30°
4. Airspeed - 55 KIAS
5. Power - 300 FPM DESCENT
6. Doors - UNLATCH
7. ELT - ACTIVATE
- HIGH WIND / HEAVY SEAS
8. LAND - INTO WIND
- LIGHT WIND / HEAVY SWELL
9. Land - PARALLEL SWELL

### ENGINE FIRE - ON START:

1. Cranking - CONTINUE
2. Power - 1800 RPM
3. Engine - SHUT DOWN

### ~NO START~

4. Throttle - FULL OPEN
5. Mixture - LEAN (ICO)
6. Cranking - CONTINUE
7. Fuel Shutoff - OFF (PULL OUT)
8. Aux Fuel Pump - OFF
9. Master Switch - OFF
10. Magnetos - OFF
11. Exits - EVACUATE
12. Fire Extinguisher - AS REQ

### ENGINE FIRE - IN FLIGHT:

1. Mixture - LEAN (ICO)
2. Fuel Shutoff - OFF (PULL OUT)
3. Aux Fuel Pump - OFF
4. Master Switch - OFF
5. Cabin Heat / Air - OFF
6. Airspeed - 100 KIAS
7. Forced Landing - CONDUCT

### ELECTRICAL FIRE:

1. Master Switch - OFF
2. Vents, Cabin Heat / Air - OFF
3. Fire Extinguisher - AS REQ
4. Avionics Master Switch - OFF
5. System Switches - OFF
6. Cabin - VENT AS REQ
- ~FIRE OUT~
7. Master Switch - ON
8. Circuit Breakers - CHECK
9. Radio Switches - OFF
10. Avionics Master Switch - ON
11. Avionics - AS REQ
12. System Switches - AS REQ

### CABIN FIRE:

1. Master Switch - OFF
2. Vents, Cabin Heat / Air - OFF
3. Fire Extinguisher - AS REQ
4. Cabin - VENT AS REQ

### WING FIRE:

1. Landing / Taxi Lights - OFF
2. Nav Light Switch - OFF
3. Strobe Light Switch - OFF
4. Pitot Heat Switch - OFF
5. Sideslip - AWAY FROM FIRE

### AIRFRAME ICING:

1. Pitot Heat Switch - ON
2. Heading - TURN BACK
3. Altitude - FIND HIGHER OAT
4. Cabin Heat / Defrost - ON
- ~ICE PERSISTS~
5. Land - NEARBY AIRPORT
6. Approach - 65-75 KIAS

## C-172SP NORMAL OPERATIONS CHECKLIST:

### PASSENGER BRIEFING:

1. Doors & Windows
2. Seat Belts
3. Fire Extinguisher
4. First Aid Kit
5. ELT
6. Controls
7. Smoking
8. Life Vests
9. Loose Articles-SECURE

### ENGINE START:

1. Avionics Master Switch - OFF
2. Circuit Breakers - CHECK
3. Fuel Selector Valve - BOTH
4. Fuel Shutoff - ON (PUSH IN)
5. Master Switch - ON
6. Flashing Beacon - ON
7. Nav Lights - ON
8. Throttle - SET
9. Brakes - SET
10. Prop Area - CLEAR

### ENGINE WARM:

1. Magnetos - START
2. Mixture - RICH
3. Throttle - 1000 RPM
4. Oil Pressure - CHECK

### ENGINE COLD:

1. Aux Fuel Pump - ON
2. Mixture - RICH
3. Fuel Flow - INDICATE
4. Mixture - LEAN (ICO)
5. Aux Fuel Pump - OFF
6. Magnetos - START
7. Mixture - RICH
8. Throttle - 1000 RPM
9. Oil Pressure - CHECK

### ENGINE WARM UP & TAXI:

1. Flaps - RETRACT
2. Avionics Master Switch - ON
3. Annunciator Panel - TEST
4. Transponder - STDBY/CODE
5. Radios - SET
6. ATIS - COPY
7. Avionics/Instruments - SET
8. Clearance Del / Ground
9. Brakes - CHECK
10. Instruments - CHECK

### RUN UP:

1. Brakes - SET
2. Area - CLEAR
3. Mixture - RICH
4. Throttle - 1800 RPM
5. Oil Press & Temp - CHECK
6. Vacuum Gauge - CHECK
7. Ammeter - CHECK
8. Magnetos - CHECK DROP
9. Mixture - CHECK LEANING
10. Throttle - IDLE
11. Oil Press & Temp - CHECK
12. Throttle - 1000RPM

### PRE TAKE OFF:

1. Belts, Doors, Windows-SET
2. Fuel Quantity - CHECK
3. Magnetos - BOTH
4. Master Switch - ON
5. Mixture - RICH
6. Flaps - SET & CHECK
7. Trim - SET TAKE OFF
8. Fuel Selector Valve - BOTH
9. Fuel Shut Off Valve - IN
10. Controls-FREE & CORRECT
11. Instruments - SET

### TAKE OFF BRIEF:

AS REQUIRED

### TAKE OFF:

1. Approach - CLEAR
2. Clearance - OBTAIN
3. Lights - AS REQUIRED
4. Transponder - ALT
5. Time Off - RECORD

### LEVEL CHECKS:

1. Throttle - SET CRUISE
2. Fuel Selector Valve - SET
3. Mixture - LEAN AS REQUIRED
4. Instruments - SET

### PRELANDING:

1. Engine Guages - CHECKED
2. Magnetos - BOTH
3. Master Switch - ON
4. Mixture - RICH
5. Fuel Selector Valve - BOTH
6. Brakes - CHECK
7. Belts, Doors, Windows

### POST LANDING:

1. Taxi Clearance - OBTAIN
2. Flaps - RETRACT
3. Transponder - STANDBY
4. Landing Light Switch - OFF
5. Strobe Light Switch - OFF
6. Time Down - RECORD

### SHUT DOWN:

1. Flight Plan - CLOSED
2. Radio - 121.50 (NO TONE)
3. Avionics Master Switch - OFF
4. Beacon Light - LEAVE ON
5. Nav Lights - OFF
6. Live Mag Check - IDLE
7. Mixture - LEAN (ICO)
8. Hobbs - RECORD
9. Magnetos - OFF
10. Master Switch - OFF
11. Control Lock - IN
12. Aircraft - SECURE AS REQ