Cessna 172S Checklist Emergency Procedures

ENGINE FAILURE - TAKEOFF RUN
- Throttle - Idle
- Brakes - Apply
- Flaps - Up
- Mixture - Idle Cutoff
- Ignition - OFF
- Master - OFF

Go-around - Execute
Set up for normal pattern
Flaps - Set
Master - OFF
Doors - Unlatch
Touchdown slightly tail low
Brakes - Apply

ENGINE FAILURE - IMMEDIATELY AFTER TAKEOFF
- Airspeed - 70 KIAS
- Flaps - Set
- Mixture - Idle Cutoff
- Fuel Shutoff - OFF
- Ignition - OFF
- Master - OFF

ENGINE FAILURE - DURING FLIGHT
- Airspeed - 68 KIAS
- Fuel Shutoff - ON
- Fuel Selector - Both
- Mixture - Rich
- Fuel Pump - ON
- Ignition - L/R/Both
- Seat Belts - Fastened
- Landing Area - Select

If engine fails to start...
Proceed with Emergency Landing Proc./Checklist

EMERGENCY LANDING: NO RE-START
- Airspeed - 65-70 KIAS
- Mixture - OFF
- Fuel Shutoff - OFF
- Ignition - OFF
- Flaps - Set
- Master - OFF
- Doors - Unlatch
- Touchdown slightly tail low
- Brakes - Apply

PRECAUTIONARY LANDING
- Airspeed - 65 KIAS
- Flaps - 20
- Landing Area - Over fly

Note: Bold items are memory items and should be performed prior to reviewing the checklist.
Each emergency is different. Adaptation to procedures to suit the particular situation may be necessary.
For training purposes only. This checklist is NOT a substitute for the appropriate Approved Flight Manual.

- CABIN FIRE
  - Master - OFF
  - Vents/Heat/Air - CLOSE
  - Extinguisher - Activate
  - Cabin - Ventilate

- WING FIRE
  - Pitot Heat - OFF
  - Nav Lights - OFF
  - Strobe Lights - OFF
  - Ldg./Taxi Light - OFF
  - Slip Aircraft
  - Land W/O Flaps

- OVER VOLTAGE
  - Master - OFF
  - Master - ON
  - Over-Volt Light - Conf. OFF

- AMMETER DISCHARGE: LOW VOLTAGE
  - Alt. Circuit - Reset
  - Master - OFF
  - Master - ON
  - If Low Voltage Persists
  - Alternator - OFF
  - Non-Ess. Equip. - OFF

- FLAT TIRE-LANDING
  - Flaps - Set
  - Approach - Normal
  - Touchdown - Good Tire

- ICING ENCOUNTER
  - Pitot Heat - ON
  - Turn Back/Change Altitude
  - Throttle - Increase
  - Mixture - Set
  - Cabin Heat - Full ON
  - Nearest Suitable Landing Site
  - Prepare for higher stall speed
  - Use higher approach speed
  - Window - OPEN
  - Land without flaps/lvl attitude

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