

EMERGENCY PROCEDURES CHECKLIST

CESSNA 172

Engine Fire During Start

Starter – crank engine continuously
Mixture – idle cut-off
Throttle – full open
Fuel Selector – OFF

Engine Power Loss: Immediately After Takeoff

Airspeed – 75 MPH @ 0° Flaps
(70 MPH @ 40° Flaps)
Mixture – idle cut-off
Fuel Selector – OFF
Magnetos – OFF
Flaps – 40°
Master Switch – OFF

Engine Power Loss: In-Flight

Airspeed: 80 MPH, Best Glide @ 0° Flaps

Best Site To Land

Checklist:

- Fuel Selector – on Both
- Primer – in and locked
- Magnetos – cycle
- Mixture – full rich
- Carburetor Heat – ON

Declare: Talk on 121.5; Squawk 7700

Evacuate: Follow “POWER-OFF LANDING” Procedure

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Power-Off Landing

Airspeed – 75 MPH @ 0° Flaps
(70 MPH @ 40° Flaps)
Fuel Selector – OFF
Mixture – idle cut-off
Magnetos – OFF
Flaps – 40°
Master Switch – OFF
Seatbelts – secure
Door – unlatched before touchdown

Fire In Flight

(electrical fire)

Master Switch – OFF
All Electrical Switches – OFF
Heater – OFF
Cabin Air – OFF
Air Vents – closed
Land as soon as possible

(engine fire)

Establish an Emergency Descent
Fuel Selector – OFF
Primer – in and locked
Throttle – closed
Mixture – idle cut-off
Cabin Heat – OFF
Cabin Air – OFF
Overhead Vents – open
Follow “POWER-OFF LANDING” procedure

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Electrical Overload

- 1.) OVER VOLTAGE light is illuminated:
Master Switch – OFF, then ON

- 2.) If OVER VOLTAGE light illuminates a second time:

Electrical Load – reduce
Land as soon as practical

Alternator Failure

If the ammeter indicates a continuous discharge rate in flight, the alternator is not supplying power to the system and should be shut down.

Alternator Switch – OFF
Electrical Load – reduce
Land as soon as practical

Spin Recovery

Throttle – idle
Ailerons – neutral
Rudder – full opposite direction of rotation
Control Wheel – full forward
Rudder – neutral when rotation stops
Control Wheel – as required to smoothly regain level flight attitude

Carburetor Icing

Carburetor Heat – ON
Mixture – adjust for maximum engine smoothness

Engine Roughness

Carburetor Heat – ON
If roughness continues:
Carburetor Heat – OFF
Mixture – adjust for maximum smoothness
Fuel Selector – Switch Tanks
Primer – in and locked
Magnetos – cycle
Engine Gauges – check for abnormal indications

Low Oil Pressure

Land as soon as possible