

C-152 EMERGENCY PROCEDURES

Engine Fire during Start on Ground

Cranking..... Continue to suck flames into engine

If engine starts:

Power 1700 RPM for a few minutes

Engine Shutdown & inspect for damage

If engine fails to start:

Cranking..... Continue effort to start

Mixture..... Idle – Cut-off

Engine Secure

Master Switch **OFF**

Magneto Switch **OFF**

Fuel Selector **OFF**

Fire Extinguisher..... Use if necessary

Fire Damage Inspect for damage

Engine Fire in Flight

Mixture..... Idle – Cut-off

Fuel Selector **OFF**

Master Switch **OFF**

Cabin Heat & Air **OFF** (except wing root vents)

Airspeed 100 KAIS– increase if not extinguished

Forced Landing As soon as possible

Electrical Fire in Flight

Master Switch **OFF**

Radios **OFF**

Electrical Equipment/Switches **OFF**

Magneto Switch **ON**

Cabin Heat, Air, & Vents Closed

Fire Extinguisher..... Activate (if available)

If fire appears out:

Master Switch **ON**

Circuit Breakers Check for faulty circuit – do not reset

Radio **ON** – one at a time

Electrical Equipment/Switches **ON** – one at a time

Cabin Heat, Air, & Vents Open if fire extinguished

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Cabin Fire

Master Switch **OFF**
Cabin Heat, Air & Vents Closed
Fire Extinguisher Activate (if available)
Land As soon as possible

Wing Fire

Navigation Light **OFF**
Strobe Light (if installed) **OFF**
Pitot Heat **OFF**

If in flight:

Side Slip To keep flames from fuel tank
Land As soon as possible

Engine Failure during Takeoff Run

Throttle Idle
Brakes Apply
Flaps Retract
Mixture Idle – Cut-off
Magneto Switch **OFF**
Master Switch **OFF**

Engine Failure after Takeoff

Airspeed (Best Glide) 60 KIAS
Mixture Idle – Cut-off
Fuel Selector **OFF**
Magneto Switch **OFF**
Flaps As required
Master Switch **OFF**

Engine Failure during Flight

Airspeed (Best Glide) 60 KIAS
Carburetor Heat **ON**
Fuel Selector **ON**
Primer In & Locked
Mixture Full Rich
Magneto Switch Both (Start if propeller is stopped)

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Emergency Landing without Power

Radio.....	Transmit MAYDAY (121.5)
Transponder	Squawk 7700
Airspeed	60 KIAS
Mixture	Idle – Cut-off
Fuel Selector	OFF
Magneto Switch	OFF
Flaps.....	As required
Master Switch	OFF
Seat Belts & Harness.....	Fasten & tighten
Doors.....	Unlatch prior to touchdown
Touchdown	Slightly tail low
Brakes	Apply Heavily

Emergency Landing with Power

Airspeed (Best Guide).....	60 KIAS
Select Field.....	Fly over – note terrain / obstacles
Radio.....	Transmit MAYDAY (121.5)
Transponder	Squawk 7700
Flaps.....	As required

Prior to touchdown

Radio/Electrical Equipment	OFF
Seat Belts & Harness.....	Fasten & tighten
Doors.....	Unlatch prior to touchdown
Master Switch	OFF
Airspeed	54 KIAS
Touchdown	Slightly tail low
Mixture.....	Idle – Cut-off
Fuel Selector	OFF
Magneto Switch	OFF
Brakes	Apply Heavily

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Over-Voltage Light

Master Switch **OFF**
Master Switch Switch back **ON**
Over Voltage Light Comes On Again Master Switch **OFF** &
..... Land as soon as possible

Ditching

Radio Transmit MAYDAY (121.5)
Transponder Squawk 7700
Heavy Objects Secure or jettison
Approach.....
 High Winds, Heavy Seas..... Into the wind
 Light Winds, Heavy Swells..... Parallel to swells
Flaps..... 30°
Airspeed / Power..... 54 KIAS – 300 ft/min descent
Seat Belts & Harness..... Fasten & tighten
Doors..... Unlatch
Touchdown Level attitude at 300 ft/min descent
Face Cushion at touchdown
Evacuate As soon as possible

Ammeter Shows Discharge

Radios **OFF**
Non-essential Electrical **OFF**
Alternator Circuit Breaker Check in
Master Switch **OFF** (both sides)
Master Switch **ON**
Low Voltage illuminates again Radio ON and
..... Land as soon as possible

Landing with Flat Main Tire

Approach..... Normal
Touchdown Good tire offset on side of runway -
..... hold off flat tire as long as possible

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