

T41C 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**

Fuel Shut-off Pull out

Fire Extinguisher..... Use if necessary

Fire Damage Inspect for damage

Engine Fire in Flight

Mixture..... Idle – Cut-off

Fuel Shut-off Valve..... **OFF**

Master Switch **OFF**

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

Airspeed 100 mph– 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) 85 mph
Mixture Idle – Cut-off
Fuel Selector **OFF**
Magneto Switch **OFF**
Flaps As required
Master Switch **OFF**

Engine Failure during Flight

Airspeed (Best Glide) 85 mph
Fuel Shut-off Knob In
Primer In & Locked
Aux Fuel Pump Switch Low
Mixture Full Rich
Fuel Selector Both
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	85 mph
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).....	85 mph
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	60 – 65 mph
Touchdown	Slightly tail low
Mixture.....	Idle – Cut-off
Fuel Shut-off Knob	Pull – OFF
Magneto Switch	OFF
Brakes	Apply Heavily

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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..... 85 mph – 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**
Radio..... **ON** (essential one only)
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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