

# C172S G1000 EMERGENCY CHECKLIST

ENGINE FIRE IN FLIGHT	ENGINE FAILURE IN FLIGHT (ABCD)
MIXTURE.....IDLE CUTOFF	<i>TURN TOWARDS SAFE TERRAIN</i>
FUEL SELECTOR VALVE.....OFF/PULL OUT	<b>AIRSPEED</b> .....68 KNOTS
FUEL PUMP.....OFF	<b>BEST LANDING SPOT</b> .....SELECT
FLAPS.....AS REQUIRED	<b><u>CHECKLIST RESTART ITEMS</u></b>
STANDBY BATTER SWITCH.....OFF	FUEL SELECTOR.....BOTH
MASTER SWITCH.....OFF	FUEL SHUTOFF VALVE.....PUSH IN
CABIN AIR/HEAT.....OFF	MIXTURE.....RICH
EMERGENCY DESCENT AND LANDING.....EXECUTE	THROTTLE.....OPEN AT LEAST 1/2"
<b>LOW VOLTAGE LIGHT ILLUMINATES IN FLIGHT</b>	FUEL PUMP.....ON
AVIONICS SWITCHES.....OFF	MASTER SWITCH.....ON
ALTERNATOR CIRCUIT BREAKER.....CHECK IN	MAGNETOS.....BOTH or START
MASTER SWITCH.....OFF	<i>If engine does not start, advance throttle slowly from idle until a start is obtained.....If no start....</i>
MASTER SWITCH.....ON	<b><u>DECLARE EMERGENCY</u></b>
LOW VOLATAGE LIGHT.....CHECK OFF	SQUAWK.....7700
AVIONICS SWITCHES.....ON	COMMUNICATE.....ON 121.5
<i>If low voltage light illuminates again...</i>	<b>EMERGENCY LANDING IN FLIGHT</b>
ALTERNATOR.....OFF	SEATS/BELTS.....SECURE
NON-ESSENTIAL RADIO/ELECTRICAL EQUIP.....OFF	<b>AIRSPEED</b>
DIVERT.....NEAREST ALTERNATE	0° - 10°.....65 KNOTS
<b>AMMETER SHOWS EXCESS RATE OF CHARGE</b>	10° - FULL.....60 KNOTS
MASTER SWITCH.....OFF	MIXTURE.....IDLE CUTOFF
NON-ESSENTIAL ELECTRICAL EQUIP.....OFF	FUEL PUMP.....OFF
AVIONICS SWITCH.....OFF	FUEL SELECTOR.....OFF
DIVERT.....NEAREST ALTERNATE	MAGNETOS.....OFF
<b>V-SPEEDS</b>	FLAPS.....AS REQUIRED
BEST GLIDE.....68 KNOTS	ALT, BAT, STANDBY MASTERS.....OFF
V <sub>so</sub> .....40 KNOTS	DOORS.....PROP OPEN
V <sub>s1</sub> .....48 KNOTS	<b>CABIN/ELECT FIRE IN FLIGHT</b>
V <sub>r</sub> .....55 KNOTS	EMERG DESCENT.....INITATE
V <sub>x</sub> .....62 KNOTS	ALT, BAT, STANDBY MASTERS.....OFF
V <sub>y</sub> .....74 KNOTS	CABIN HEAT/DEFROST.....OFF
V <sub>a</sub> .....90-105 KNOTS	AVIONICS MASTER.....OFF
V <sub>fe</sub> .....0 - 10°.....110 KNOTS	ELECT EQUIP.....OFF
V <sub>fe</sub> .....10 - 30°.....85 KNOTS	FIRE EXTINGUISHER.....PULL PIN/SQUEEZE HANDLE
V <sub>no</sub> .....129 KNOTS	<i>If fire is completely extinguished...</i>
V <sub>ne</sub> .....163 KNOTS	EMERG DESCENT.....TERMINATE
Enroute Climb.....75-85 KNOTS	WINDOWS.....OPEN
Approach Speed.....65 KNOTS	DIVERT.....NRST ALTERNATE

***This checklist is for training purposes only! Please refer to the POH for more complete information***

*If fire is NOT extinguished, land immediately*