

C172S G1000 EMERGENCY CHECKLIST

ENGINE FIRE IN FLIGHT		ENGINE FAILURE IN FLIGHT (ABCD)	
MIXTURE.....	IDLE CUTOFF	TURN TOWARDS SAFE TERRAIN	
FUEL SELECTOR VALVE.....	OFF/PULL OUT	AIRSPEED.....	68 KNOTS
FUEL PUMP.....	OFF	BEST LANDING SPOT.....	SELECT
FLAPS.....	AS REQUIRED	CHECKLIST RESTART ITEMS	
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"
LOW VOLTAGE LIGHT ILLUMINATES IN FLIGHT		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	DECLARE EMERGENCY	
LOW VOLATAGE LIGHT.....	CHECK OFF	SQUAWK.....	7700
AVIONICS SWITCHES.....	ON	COMMUNICATE.....	ON 121.5
<i>If low voltage light illuminates again...</i>		EMERGENCY LANDING IN FLIGHT	
ALTERNATOR.....	OFF	SEATS/BELTS.....	SECURE
NON-ESSENTIAL RADIO/ELECTRICAL EQUIP.....	OFF	AIRSPEED	
DIVERT.....	NEAREST ALTERNATE	0° - 10°	65 KNOTS
AMMETER SHOWS EXCESS RATE OF CHARGE		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
V-SPEEDS		FLAPS.....	AS REQUIRED
BEST GLIDE.....	68 KNOTS	ALT, BAT, STANDBY MASTERS.....	OFF
Vso.....	40 KNOTS	DOORS.....	PROP OPEN
Vs1.....	48 KNOTS	CABIN/ELECT FIRE INFLIGHT	
Vr.....	55 KNOTS	EMERG DESCENT.....	INITIATE
Vx.....	62 KNOTS	ALT, BAT, STANDBY MASTERS.....	OFF
Vy.....	74 KNOTS	CABIN HEAT/DEFROST.....	OFF
Va.....	90-105 KNOTS	AVIONICS MASTER.....	OFF
Vfe.....0 - 10°.....	110 KNOTS	ELECT EQUIP.....	OFF
Vfe.....10 - 30°.....	85 KNOTS	FIRE EXTINGUISHER.....	PULL PIN/SQUEEZE HANDLE
Vno.....	129 KNOTS	<i>If fire is completely extinguised...</i>	
Vne.....	163 KNOTS	EMERG DESCENT.....	TERMINATE
Enroute Climb.....	75-85 KNOTS	WINDOWS.....	OPEN
Approach Speed.....	65 KNOTS	DIVERT.....	NRST ALTERNATE
<i>If fire is NOT extinguished, land immediately</i>			

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