

C-172 EMERGENCY CHECKLIST

ENGINE FAILURE

During Take off Run

THROTTLES	IDLE
BRAKES	APPLY
WING FLAPS	RETRACT
MIXTURE	I.C.O.
MAGS	OFF
MASTER	OFF

After Take-Off

AIRSPEED	65 KIAS
MIXTURE	ICO
FUEL	OFF
MAGS	OFF
FLAPS	AS REQ.
MASTER	OFF

During Flight

AIRSPEED	65 KIAS
CAUSE CHECK:	
CARB HEAT	ON
PRIMER	LOCKED
FUEL	BOTH
MIXTURE	RICH
MAGS	BOTH OR START

SHUT DOWN:

MIXTURE	ICO
FUEL	OFF
MAGS	OFF
FLAPS	AS REQ.
MASTER	OFF
DOORS	UNLATCH
TOUCHDOWN	TAIL LOW
BRAKES	APPLY

FIRES

During Start on Ground

CRANKING	CONTINUE
IF ENG. STARTS:	
POWER	1700 RPM
ENGINE	SHUTDOWN

IF ENG. FAILS TO START:

CRANKING	CONTINUE
EXTINGUISHER	OBTAIN
ENGINE	SECURE
MASTER	OFF
MAGS	OFF
FUEL	OFF
FIRE	EXTINGUISH

Engine Fire in Flight

MIXTURE	ICO
FUEL	OFF
MASTER	OFF
CABIN HEAT & AIROFF	
AIRSPEED (if fire not extinguished)	85 KTS
FORCED LANDING	EXECUTE

Cabin Fire

MASTER	OFF
VENT/CABIN AIR/HEAT	CLOSED
EXTINGUISHER	ACTIVATE
CABIN	VENTILATE

Land airplane and inspect for damage

C-172 EMERGENCY CHECKLIST

ELECTRIC SMOKE OR FIRE

MASTER	OFF
ALL SWITCHES	
(except mags)	OFF
VENTS/CABIN AIR/HEAT	CLOSED
EXTINGUISHER	ACTIVATE

If Fire persists:

EMERGENCY DESCENT
LAND

If Fire Extinguished:

CABIN	VENTILATE
MASTER	ON
CIRCUIT BREAKERS	CHECK
RADIOS/SWITCHES	ON
(Essential Only)	

Wing Fire

NAV LIGHTS	OFF
STROBE LIGHTS	OFF
PITOT HEAT	OFF

Side-Slip away from flames

Land as soon as possible

Wing Flaps retracted

EMERGENCY DESCENT

POWER	IDLE
FLAP	40°
AIRSPEED	85 KIAS

EMERGENCY SPEEDS

BEST GLIDE	65 KIAS
Vne	160 KIAS
Vs	47 KIAS
Vso	41 KIAS
Va (Gross Weight)	97 KIAS

PRECAUTIONARY LANDING WITH ENGINE POWER

FLAPS	20°
AIRSPEED	60 KIAS
SELECT FIELD	FLY OVER
RADIOS	OFF
FLAPS (Final)	40°
AIRSPEED	60 KIAS
MASTER	OFF
DOORS	UNLATCH
TOUCHDOWN	TAIL LOW
BRAKES	APPLY