

LUSCOMBE 8E EMERGENCY · PP ACS AREA IX

Continental O-200 · No Flaps · Training aid, not the approved AFM

ENGINE FAILURE · TAKEOFF ROLL IX.B ABORT

Throttle	IDLE
Brakes	AS REQUIRED
Mixture	IDLE CUT-OFF
Ignition	OFF
Master	OFF
Stop	STRAIGHT AHEAD

ENGINE FAILURE · AFTER TAKEOFF IX.B

Airspeed	60 IAS (glide)
Landing	STRAIGHT AHEAD, shallow turns
Mixture	IDLE CUT-OFF
Fuel selector	OFF
Ignition	OFF
Master	OFF

ENGINE FAILURE IN FLIGHT · RESTART IX.C

Airspeed	75 IAS (best glide)
Fuel selector	FULLEST / ON
Mixture	FULL RICH
Carb heat	ON
Mags	BOTH (try L / R)
Primer	IN & LOCKED
Gauges	CHECK source of loss
No restart	POWER-OFF LANDING

EMERGENCY APPROACH & LANDING IX.B POWER-OFF

Airspeed	best glide 75 IAS
Field	SELECT (into wind)
	fuel to good tank; mixture RICH; carb heat ON; primer LOCKED; check oil T/P; mags L/R/BOTH
Restart flow	
Mayday	121.5 / squawk 7700
Fuel selector	OFF (committed)
Mixture	IDLE CUT-OFF
Mags	OFF
Master	OFF
Harness	TIGHT
Touchdown	lowest speed, 3-point

EMERGENCY DESCENT IX.A

Throttle	IDLE
Carb heat	ON
Airspeed	target below Vne, in limits
Bank	~30-45 deg to hold speed
Lookout	CLEAR; level off as planned

FIRE · ENGINE (IN FLIGHT) IX.C

Mixture	IDLE CUT-OFF
Fuel selector	OFF
Throttle	CLOSED
Cabin heat	OFF
Master	OFF (when done)
Landing	POWER-OFF; do not restart

FIRE · ELECTRICAL / CABIN SMOKE IX.C

Master / Alt	OFF
Vents	OPEN
Cabin heat	OFF
Extinguisher	AS REQUIRED
Land	AS SOON AS PRACTICAL

NOTE Master OFF removes the electric turn coordinator and radios. Plan a VMC landing.

FIRE · DURING START IX.C

Starter	CONTINUE CRANKING
If it starts	1700 RPM, then SHUTDOWN & inspect
If no start	Ign OFF, Master OFF, Mix ICO, Fuel OFF
Aircraft	EVACUATE & fight fire

LOSS OF OIL PRESSURE IX.C

Power	REDUCE
Land	NEAREST airport
Prepare	POWER-OFF LANDING

HIGH OIL TEMPERATURE IX.C

Mixture	RICH
Power / speed	REDUCE pwr / raise speed
Land	NEAREST, investigate

ALTERNATOR FAIL / AMMETER DISCHARGE IX.C

Failure	VERIFY (load test)
Electrical load	REDUCE
ALT breaker	CHECK / reset
ALT switch	OFF 1 sec, then ON
No reset	ALT OFF, min load, LAND soon

ENGINE ROUGHNESS / CARB ICE IX.C

Carb heat	FULL ON
Mixture	ADJUST for smoothness
Fuel selector	OTHER tank
Mags	L / R / BOTH
Gauges	CHECK
One mag only	reduced pwr, RICH, nearest apt

INADVERTENT IMC IX.C

Wings	LEVEL (turn coordinator)
Power	SET cruise
Attitude	maintain level, TRIM
	180 deg
Heading	standard-rate turn out
ATC	DECLARE / 7700

NOTE Trust the instruments; avoid abrupt control inputs.
Partial panel - no attitude indicator.

DOOR OPEN IN FLIGHT IX.C

Aircraft	FLY IT - maintain control
Airspeed	REDUCE (less airflow)
Door	SECURE if able
Otherwise	RETURN & land to close

SPIN RECOVERY IX.C

Throttle	IDLE
Ailerons	NEUTRAL
Rudder	FULL OPPOSITE rotation
Elevator	NEUTRAL, then fwd as needed
Rotation stops	rudder NEUTRAL, ease out
Limits	mind speed & G

EMERGENCY EQUIPMENT IX.D

ELT	ON / ARMED; check after hard ldg (121.5)
Fire extinguisher	LOCATION known, accessible
Survival / first aid	as carried
Passengers	BRIEF: exits, belts, brace