

EMERGENCY PROCEDURES

Glide ratio is 12.8 therefore with 1000 ft of altitude it is possible to cover ~2 nautical miles in zero wind conditions.

ENGINE FAILURE DURING TAKEOFF

Throttle: IDLE
Brakes: APPLY AS NEEDED
Ignition switches: OFF
Master switch: OFF

When the airplane is under control:

Fuel selector valves: OFF
Electric fuel pump: OFF

ENGINE FAILURE IMMEDIATELY AFTER TAKEOFF

Airspeed: 110 km/h
Find a suitable place on the ground to land safely. The landing should be planned straight ahead with only small changes in directions not exceeding 45° to the left or 45° to the right
Flaps: AS REQUIRED
Throttle: AS REQUIRED
At touch down
Ignition Switches: OFF
Master switch: OFF
Fuel selector valves: OFF
Electric fuel pump: OFF

IRREGULAR ENGINE RPM

Throttle: CHECK
Engine gauges: CHECK
Fuel quantity: CHECK
Electric fuel pump: ON
Fuel selector valve: BOTH ON
If the engine continues to run irregularly:
Land as soon as possible

ELECTRIC FIRE IN CABIN IN FLIGHT

Generator: OFF
Flaps: LANDING POSITION
Master switch: OFF
Air vents: OPEN
Emergency decent and landing: EXECUTE

ENGINE FIRE WHILE PARKED

Fuel selector valves: OFF
Electric fuel pump: OFF
Ignition Switches: OFF
Master switch: OFF
Parking brake: SET
Escape rapidly from the aircraft

ENGINE FIRE DURING TAKEOFF

Throttle: IDLE
Brakes: AS NEEDED

With the airplane is under control:

Fuel selector valves: OFF
Electric fuel pump: OFF
Cabin heating: OFF
Ignition Switches: OFF
Master switch: OFF
Parking brake: SET
Escape rapidly from the aircraft

ENGINE FIRE IN-FLIGHT

Cabin heat: OFF
Fuel selector valves: OFF
Electric fuel pump: OFF
Throttle: FULL IN until the engine stops running
Cabin vents: OPEN
Pitch for 230 Km IAS to snuff out flames
Employ slip to keep flames away from firewall
Ignition Switches: OFF
Do not attempt an in-flight restart

Procedure for a forced landing: APPLY

LOW FUEL PRESSURE

If the fuel pressure indicator falls below the (0.15 bar) limit:
Fuel quantity: CHECK
Electric fuel pump: ON
Fuel valves: BOTH ON
If the fuel pressure continues to be low:
Land as soon as possible

LOW OIL PRESSURE

Oil temperature: CHECK
If the temperature tends to increase:
If stable within the green arc:
LAND as soon as possible
If increasing: LAND as soon as possible and be alert for impending engine failure

ENGINE OUT GLIDE

Flaps: RETRACT
Speed: 125 Km IAS
Electric equipments: OFF
In-flight engine restart: If conditions permit, try to restart several times

IN-FLIGHT ENGINE RESTART

- IF TIME PERMITS

Altitude: Preferably below 4000 ft
Electric fuel pump: ON
Fuel valves: BOTH ON
Throttle: MIDDLE POSITION
Ignition switches: ON
Master Switch: START
If the restart attempt fails:
Procedure for a forced landing: APPLY
In case of an engine restart:
Land as soon as possible

FORCED LANDING WITHOUT ENGINE POWER

Establish: 125 Km IAS
Locate emergency landing spot

Fuel selector valves: OFF
Electric fuel pump: OFF
Ignition Switches: OFF
Safety belts: TIGHTEN
Doors: UNLATCHED

Landing assured:

Flaps: AS NECESSARY
Master switch: OFF
Touchdown Speed: 77 Km IAS
DITCHING

Seats belts: TIGHTEN
MAYDAY 121.5, 7700
Flaps: FULL DOWN
Fuel selector: BOTH OFF
Electrical fuel pump: OFF
Ignition: BOTH OFF
Master switch: OFF
Doors: PROP OPEN
Landing speed: 87 Km IAS
Ditch with high aircraft nose.

POWER-ON FORCED

LANDING

Descent: ESTABLISH
Establish: 125 Km IAS
Flaps: AS NECESSARY
Locate landing spot
Safety belts: TIGHTEN
Doors: UNLOCK
Landing assured:
Flaps: AS NECESSARY
Fuel selector valves: OFF
Electric fuel pump: OFF
Ignition Switches: OFF
Master switch: OFF

LANDING FLAT NOSE TIRE

Landing checklist: COMPLETE
Flaps FULL / NOSE HIGH

LANDING FLAT MAIN TIRE

Landing checklist: COMPLETE
Flaps: FULL
Touchdown with the GOOD TIRE FIRST and hold aircraft with the flat tire off the ground as long as possible.

NOTE:

Align the airplane on the opposite side of runway to the side with the defective tire to compensate for change in direction, which is to be expected during final rolling.

RECOVERY FROM SPIN

PARE

Power: IDLE

Ailerons: NEUTRAL (Flaps Up)

Rudder: FULL OPPOSITE

Elevator: THROUGH NEUTRAL

HOLD THESE INPUTS UNTIL

ROTATION STOPS, THEN:

Rudder: NEUTRAL

Elevator: RECOVER

NOTE Use elevator control to recover to straight and level or a climbing attitude

GENERATOR LIGHT ON

Generator light may illuminate for a faulty alternator. If the generator light illuminates proceed as follows:

LAND as soon as possible

Continue flight on battery

power alone; the battery is

capable of supplying the

electrical system for about 20

minutes with normal flight

electric loads including

operation of flap and trim.

ΑΝΟΙΓΜΑ ΑΛΕΞΙΠΤΩΤΟΥ

Full άνοιγμα σε 2 seconds

Minimum altitude 100FT.

Οριζοντίωση όσο γίνεται.

Τράβηγμα χειροουλίου

πυροδότησης μέχρι τέλος

διαδρομής.

Κλείσε fuel valves, magneto,

master switch

Σφίξε ζώνη, απασφάλισε και

άνοιξε την πόρτα.

Λάβετε μαζεμένη στάση πριν

το touchdown.