

Emergency Procedures - Cessna 172

Note: This is a personalized checklist. Always refer to the POH for manufacturers recommended checklists.

Engine Out

1. 65 KIAS Glide (flaps up)
2. Carb. Heat On
3. Select Landing Field...head that direction
4. Fuel Gages
5. Fuel Selector
6. Mixture Control
7. Primer (in and locked)
8. Ignition Switch (check On or Start if needed)

If no restart:

9. Maintain Airspeed (65 KIAS flaps up 60 flaps down)
10. Pull Mixture
11. Fuel Selector Off
12. Switches Off (except master)
13. Flaps as needed (full recommended)
14. Master Switch Off
15. Unlatch Doors
16. Land Nose High (heavy braking)

Low Oil Pressure:

1. Check Oil Temp.
2. If Oil Temp. Normal, Land ASAP to evaluate problem
3. If Oil Temp. Increasing, Reduce Engine Power
4. Begin Forced Landing Procedures
5. Leave engine running at low power during approach

Engine Fire in Flight:

1. Pull Mixture
2. Fuel Selector Off
3. Master Switch Off
4. Close Cabin Heat/Air
5. 100 KIAS Glide (flaps up)
6. Select Landing Field
7. Increase speed if necessary to extinguish fire
8. Execute Engine Out landing procedure

Electrical Fire in Flight:

1. Master Switch Off
2. Close Cabin Heat/Air
3. All Switches Off (except ignition)
4. Check Breakers
5. If problem is found – Master On
6. Turn Switches On (one-by-one to localize problem)

Excessive Charge (over-voltage light on):

1. If problem persists, system will shut down alternator
2. Avionics Switch/Radios (Off)
3. Master Switch (both sides) **Off** then **On** again
4. If problem continues...
5. Turn Off non-essential equipment
6. Terminate flight ASAP and limit electrical use

Insufficient Charge:

1. Ammeter indicates a continuous discharge
2. Shut Down alternator side of master
3. Turn Off all non-essential equipment
4. Terminate flight ASAP