



Extraction Procedure



This is a brief tutorial meant to help aid in the unlikely event where emergency extraction would be required at a show or practice day. An aircraft walk around a familiarization will still be needed.

The Aircraft

The Long EZ aircraft, registration C-GZGT, is unique and hard to miss with its “backwards” design. The primary construction materials are foam and fiberglass.

Fuel: Located inboard in the wings will not be more than 20 gal for performance but has a capacity of 52 gal

Smoke Oil: located in an aluminum tank in the back seat

Engine: Piston engine running on 100LL located at the back of the plane

Electrical: Runs on a 12V system with the battery located in the nose **Ignition:** Magneto ignition, grounded to turn off



Electrical/Ignition Systems



- Red switch on the panel in the down position ○ This turn battery power off to all electrical systems
- All switches on the right in the down position ○ This will ground the magneto ignition thus turning of ignition

The battery is located in the nose of the aircraft under a panel. The aircraft can be cut open if needed.

Harness



- The harness is an airline style seat belt with shoulder straps added
- Lift on the silver tap and all four straps will come undone
- If I can't exit the plane on my own, I will have my parachute on as well ○
This can be used to grab the strap to lift
 - It may be easier to leave the parachute on rather than try and remove
 - Be mindful that my legs extend into the nose and may get caught

Fuel System



- All levers on the left in the down position, away from the panel
 - o This will kill the fuel to the engine
- Valve selector is between my legs and OFF is to the upper left o
The second picture shows the valve in the OFF position

Canopy System





- First the access door will need to be opened (left side of plane)
 - o Press on the forward part of the push retainer
 - o This will open the small door on the outside of the plane
- Then the canopy lock will need to be undone
 - o Reach through the little door and pull back on the metal tab
 - o Pull the lever toward the back of the plane
 - o Once pulled to the back the canopy can be lifted up
 - o The canopy will hinge toward the opposite side
- If needed the canopy is made of plexiglass and can be broken to get to me

Tips:

- Protect yourself FIRST
- If you need to come to me I don't care about the plane
 - o Cutting the side out is perfectly acceptable
- There is a good chance the some of the steps will already be done
- Please contact Emergency list, I don't want my kids to first see me on the News and not know what happened
- The faster you get to me, the better chance I have to survive
- Fuel is in the wings
- Battery in the nose
- I will do my best to land upright and intact
 - o If upside down, best to try and rotate over the engine, or lift nose high enough to remove me