

General Drone Flight Information

Regulations

The main entity for regulation is the **European Union Aviation Safety Agency** (EASA).

There are two categories:

- **Open Category**, with the following labels (**low risk civil drones**):
 - C0 (under 250g)
 - C1 (under 900g)
 - C2 (under 4kg)
 - C3 (under 25kg)
 - C4 (under 25kg)
- **Specific Category**
 - C5
 - C6

Flighting Zones

Check [Dronemaps](#)

Drone Operations Planning

- Information specific for the operation
 - purpose of the operation and type
 - Estimated duration
 - Crew information (including pilot)
- General UAS information including takeoff payload
- Location and date
- Verification of the flight zone
- Weather forecast
 - Temperature
 - Humidity: water absorbs radio signal propagation
 - Wind speed
 - Flying altitude: at higher altitude the air is less dense which results in loss of lift
 - visibility distance
 - Kp-index 2 (geomagnetic malfunction): In GPS mode with a MAX. of 4.

The two emergency situations:

- Loss of link
- Fly away

some extra information to consider:

- What is the flight path?
- What might be encountered on the way?
- What are the possible emergency landing zones?
- What is the protocol to be followed in case of unexpected situations?

Information on Meteorology

From:

<https://wiki.eolab.de/> - HSRW EOLab Wiki

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