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 250g0)
  - 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
  - Flighting 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 situaions:

- Loss of link
- Fly away

some extra infomation 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

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