



# GUARDIAN

## DESIGN CONCEPT

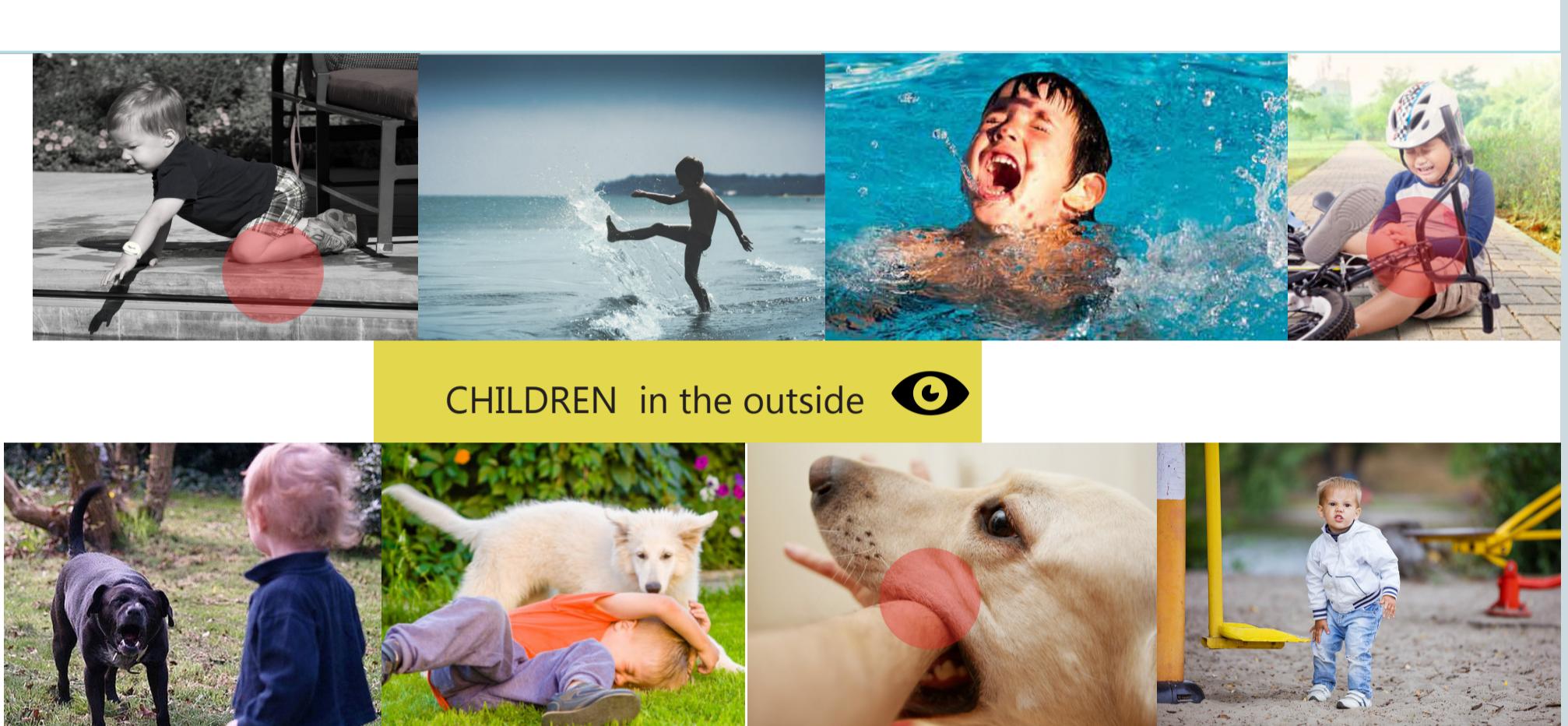
This project is designed for children. From the perspective of parents, the safety of their children is a main concern when they do some outdoor activities.

According to survey, nearly 300,000 children are lost every year in China. Especially, children who are between 2 and 5 years old are in a largest proportion about the children lost. Thus, park is the most likely lost place.

There are two reasons for that, one is that they are curious

about new toys and some interesting sounds, which results in losts. Another is they will be sentimental, flustered, scared and could howl when they can not find their parents. At this moment, they are easy to follow strangers.

Sharing drone is a good solution to settle this problem by tracking children when doing outdoor activities.

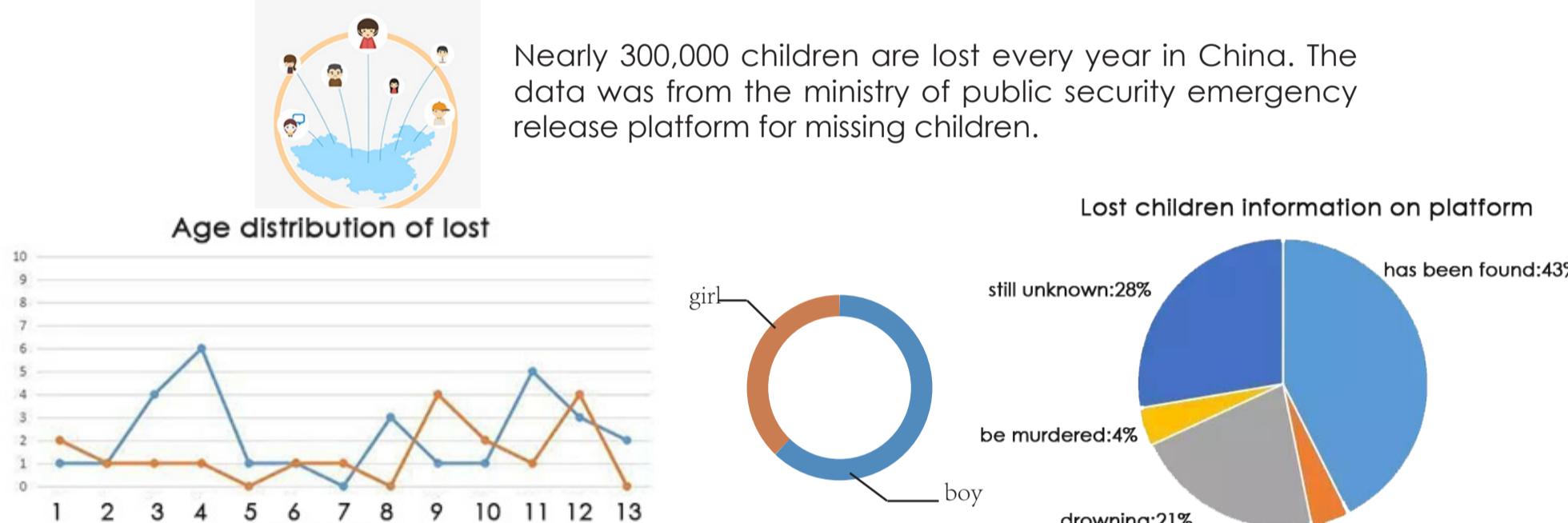


## PARENTS INTERVIEW

Most parents would take their children to parks where are nearby home

### Abductor

What makes them worried most is children's safety.

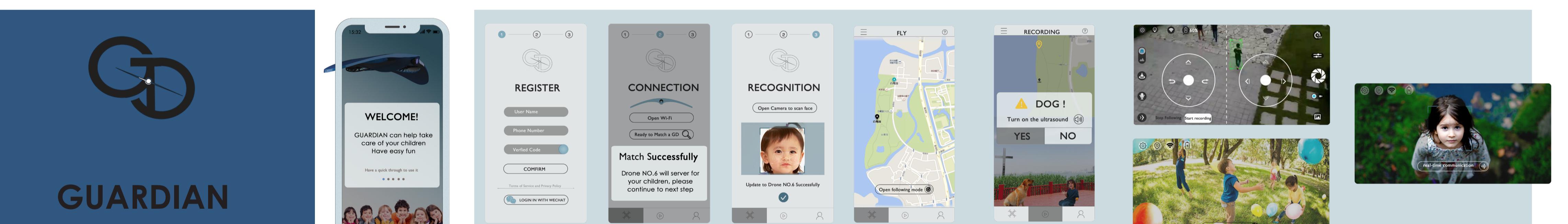


## Observation

Generally, Portable drones have a more compact structure and foldable features



Professional aerial drones have more sensors and greater size and weight.

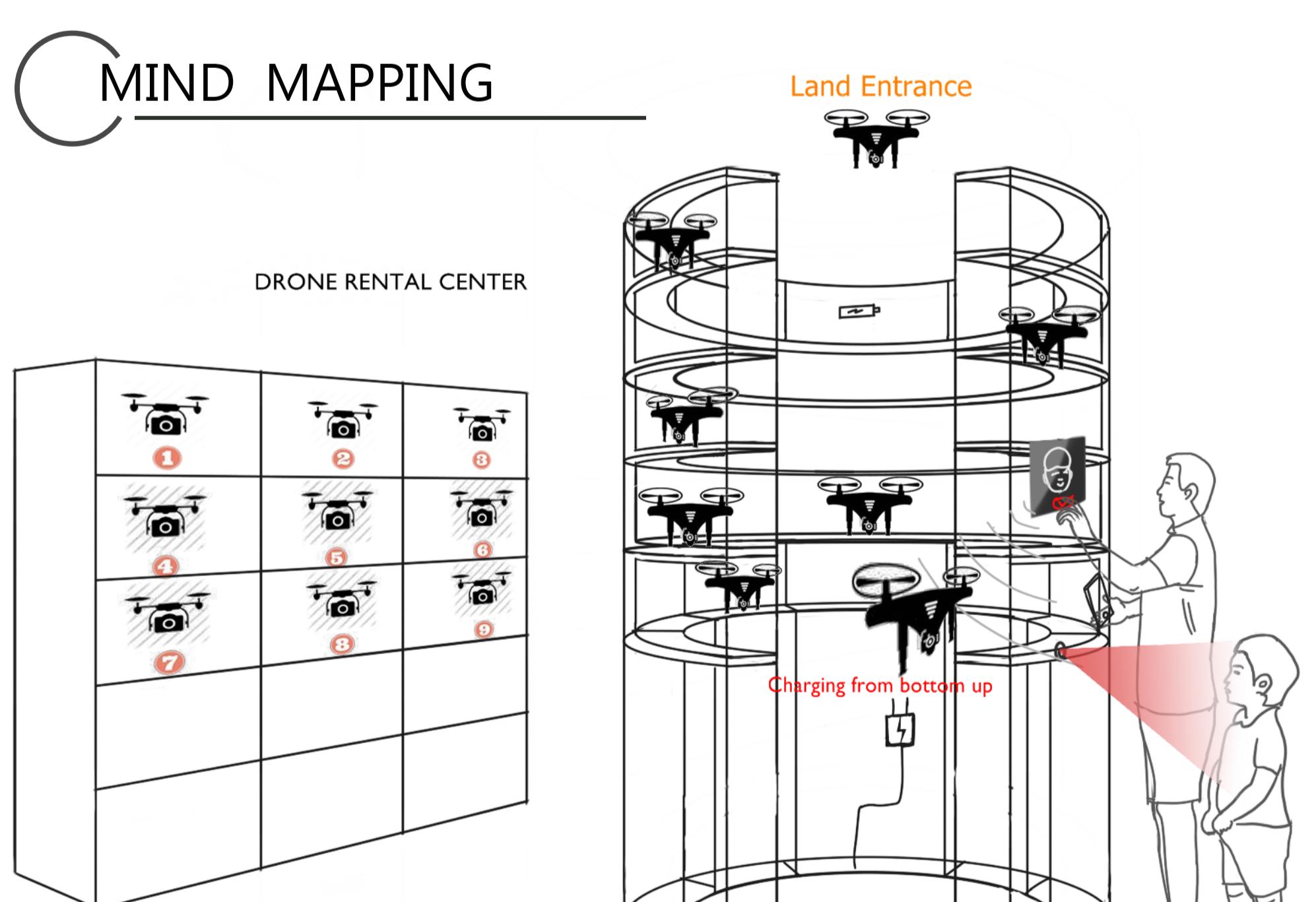


## 3D PRINTING



## CNC MODEL

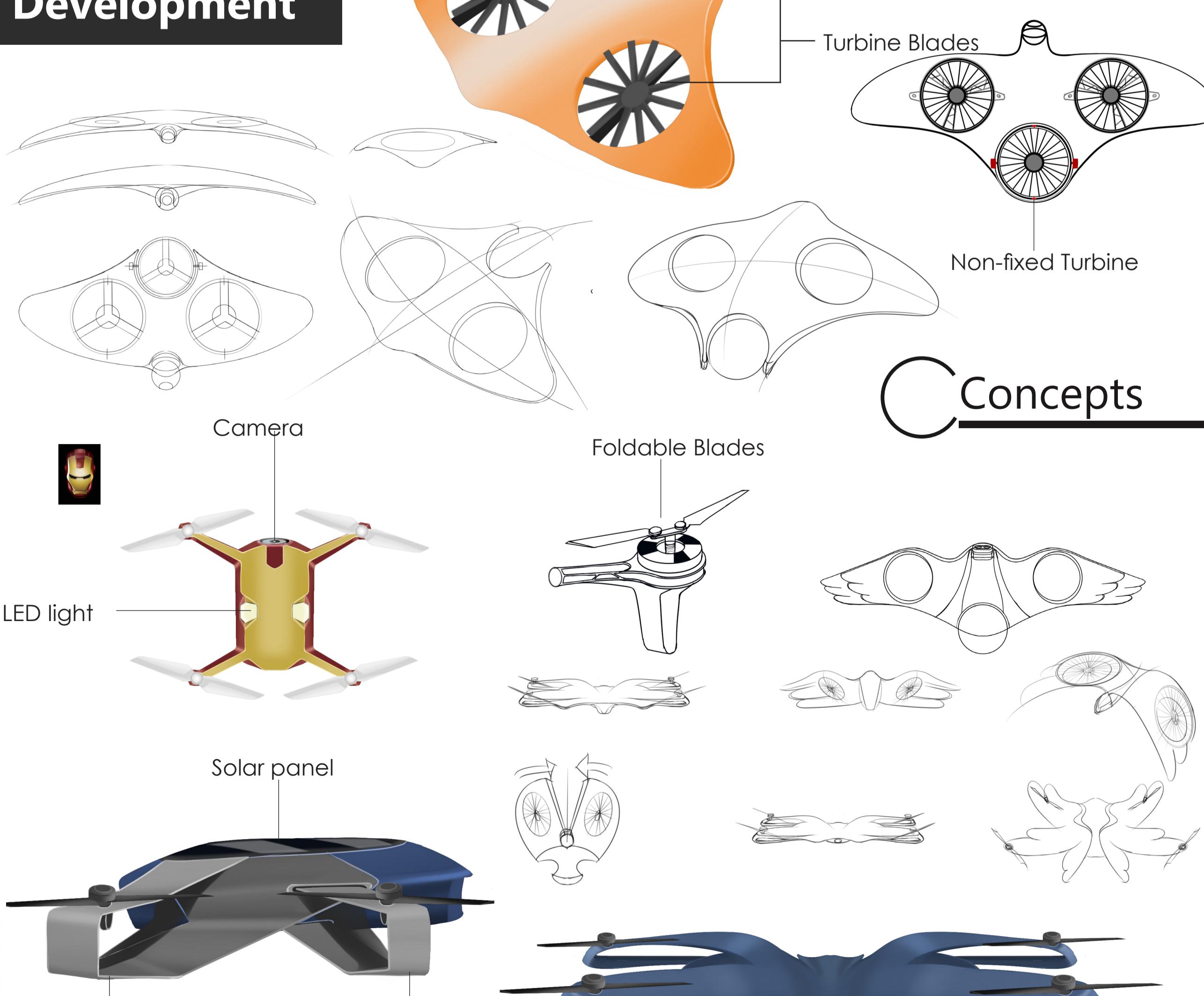
Land Entrance



Confirm the feasibility of rotatable rear base

## TESTING

## Concept Development



## Concepts

