How to Fly a Drone

It can be hard to master the flying skills required to fly a drone smoothly and without crashing it!

To get started it is best to practice with the smaller STUNT drone before moving up to the Walkera QR X350 Pro Quadcopter.

The 5 Skills to Master:
1. Take-off and landing
2. Hovering in one place
3. Forward, backward, right, left
4. 360 Yaw
5. Full Circle

Drone Flying Tips - 5 Skills Beginner Pilots Should Master
https://youtu.be/KRzKkjskhEw

Drone Flying Tips - 7 Tips for Beginner Pilots
https://youtu.be/3qd4bbssmKc

1. Take-off and landing

It is important to take-off on a level surface and lift up with enough throttle (up relatively fast). This is so you don’t bounce up and down and experience ground effect.

2. Hovering in one place

Hovering is one of the most important skills to master for smooth flight. Try to hover the Drone in one place for more than 15 seconds. It may be boring but an essential skill to help fly the drone well.
3. **Forward, backward, right, left**

Master the art of using the controls by moving the drone forward and backwards, then left and right.

It is important to make sure you have the drone facing away from you, the back of it facing you and the nose of the drone facing forward. This means that when you move it left on the controls it will go left and if you move it right it will go right.

Sometimes when flying a drone for a while it can be easy to get confused as to which way it is facing. Try to keep the drone in your line of sight to avoid getting confused and change the direction of the drone to line up with your movements again.

To master this skill, try to make a cross shape while flying by moving the drone forward and back from a center point and then left to right also over the center point.

4. **360 Yaw**

A 360 Yaw basically spins the drone around, so that you can learn how to control the Drone when it you move the drone away and turn it around to come back. Therefore, potentially turning it around so it might be facing towards you not away from you. This inversions the directional movements e.g. Move left on the control and it goes right etc.

The **STUNT** Drone has a headless mode so it will not 360 yaw the same way the **Walkera QR X350 Pro Quadcopter**.

5. **Full Circle**

With the nose facing forward move the drone in a circle (hit a home run!). You will be using both the throttle and direction leaver to make the full circle.

**Drone Flying Tips - 7 Mistakes to Avoid**
[https://youtu.be/eEKJq9tU85A](https://youtu.be/eEKJq9tU85A)

**Resources:**

Ready Set Drone, How to Videos; [http://www.readysetdrone.com/category/how-to/](http://www.readysetdrone.com/category/how-to/)