BETAFPV 313881 Cetus FPV RTF Drone Kit User Guide

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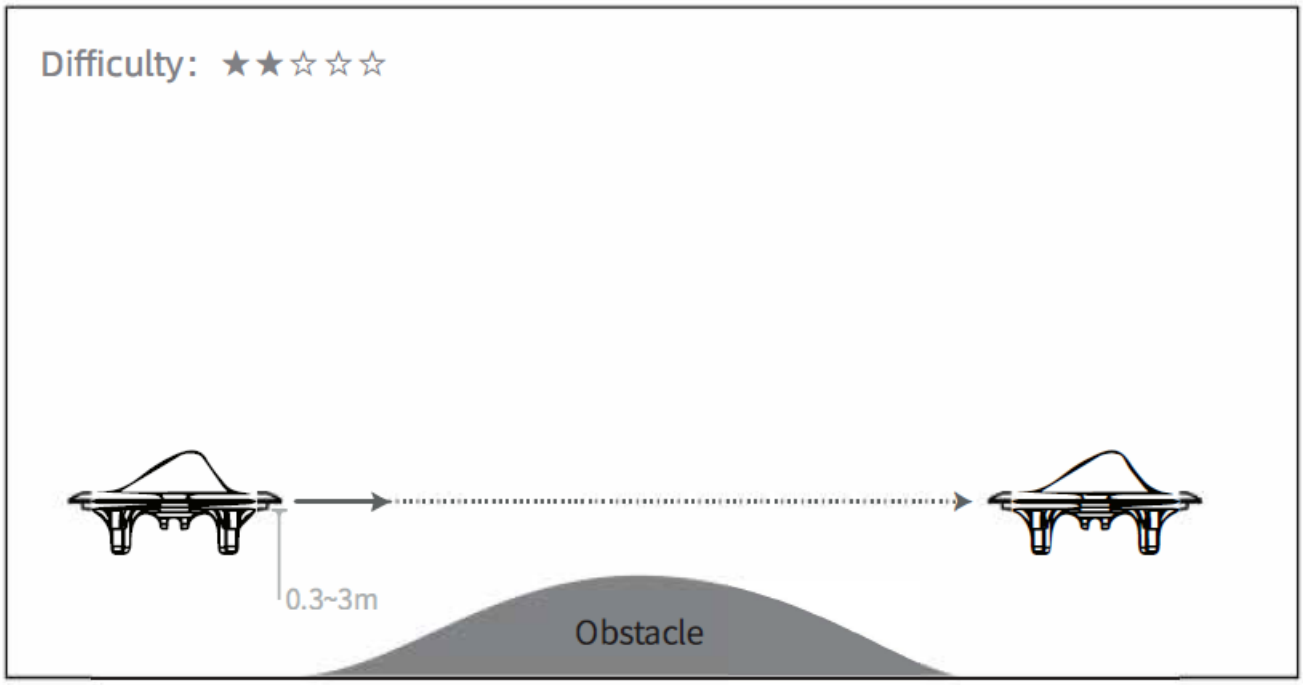
Normal Mode

N MODE is displayed in the OSD. The quadcopter has the auxiliary function for both vertical and horizontal flight. The quadcopter maintains a fixed altitude when both joysticks are moved to the center. The operation is relatively simple. Novice pilot can achieve simple flight with a little practice.

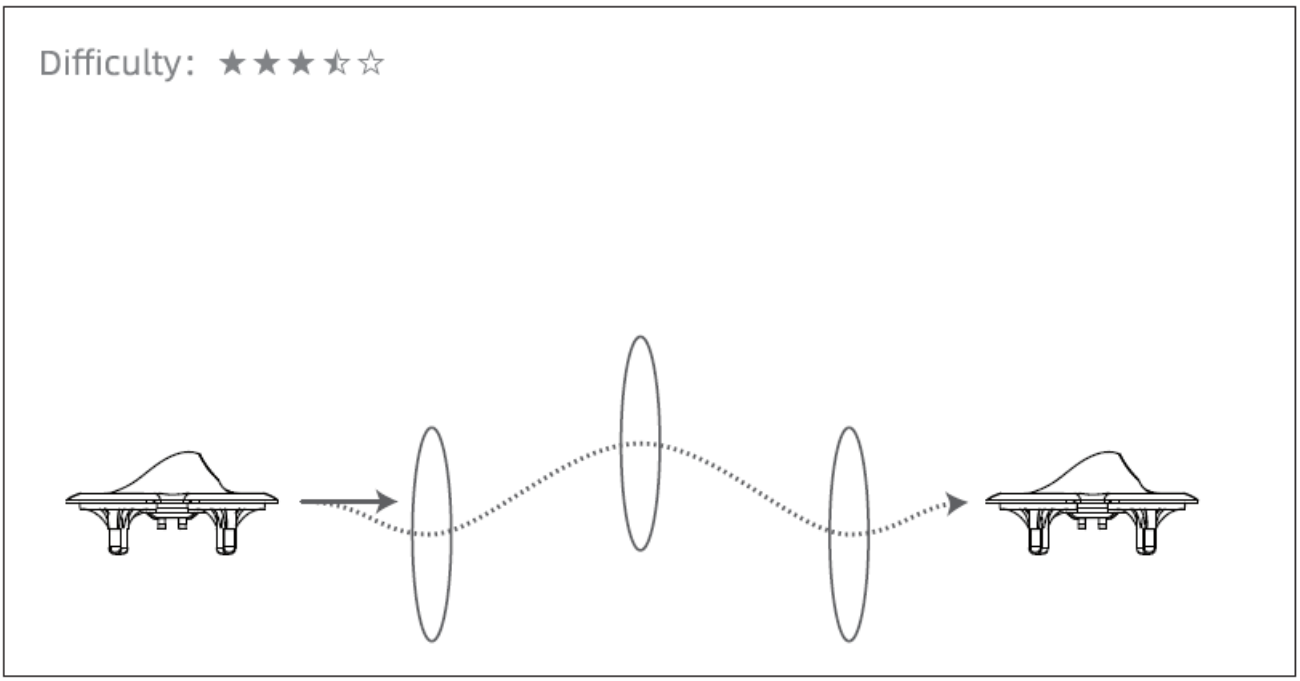


Note1: When flying in Normal Mode, please try to choose an indoor or outdoor environment without wind. Keep the flight altitude within 0.3-3m. For more details and information about flight mode, please refer to User Manual Chapter 3.5 and 4.1.
Note2: In Normal Mode, a harsh flying environment may lead to an unsatisfactory flying experience. Please avoid flying in the following environments:

- Above water surface or smooth ground (which will affect the auxiliary function for horizontal flight, resulting in Inaccurate positioning);
- Intense sunlight or pure black ground (which will affect the auxiliary function for vertical flight, resulting in inaccurate altitude control);
- High wind (which will affect the overall flight).

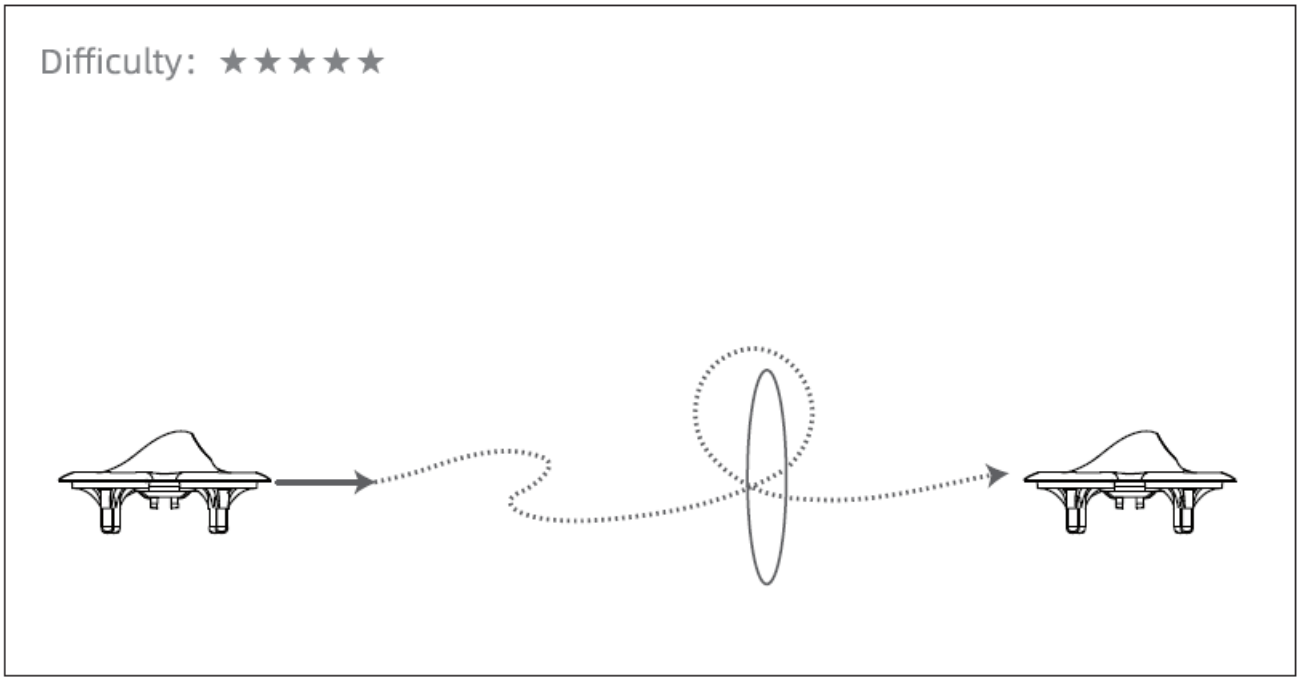
Sport Mode

S MODE is displayed in the OSD. It has no auxiliary flight function. Pilot needs to control the flight altitude by operating the throttle joystick. The quadcopter will maintain a horizontal attitude when the direction joystick is moved to the center. This mode features difficult operations and is suitable for skillful pilot.



Manual Mode

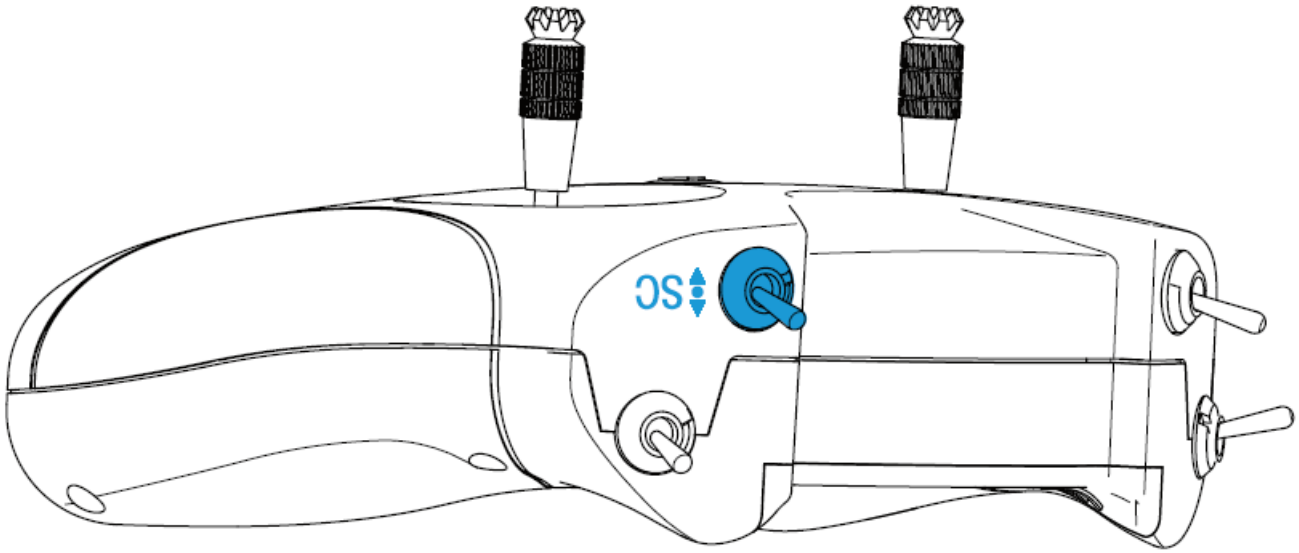
M MODE is displayed in the OSD. The quadcopter has no auxiliary flight function. The altitude and attitude of the quadcopter are manually controlled by pilot. The quadcopter will maintain its current attitude when the direction joystick is moved to the center. Acrobatic flight is possible. The operation is difficult and pilot needs a lot of practice.



Speed Switch

The speed threshold of quadcopter can be controlled by the Switch SC on the remote control radio transmitter:

- It is low gear if switch SC is down (SLOW).
- It is middle gear if switch SC is in the middle (MID).
- It is high gear if switch SC is up (FAST).

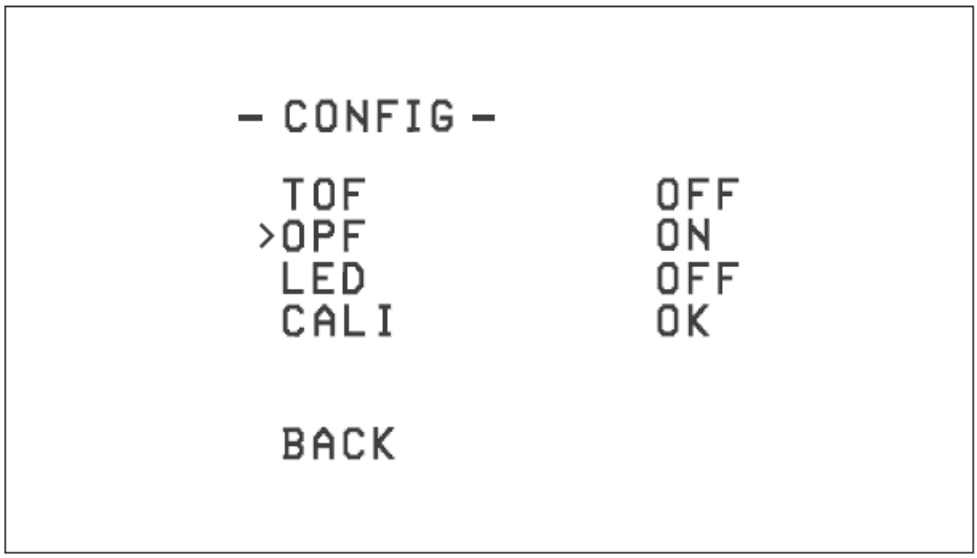


Move the Switch SC Up and Down to Change the Speed Threshold

Optical Flow Positioning ON/OFF

In Normal Mode, the optical flow positioning function of Cetus quadcopter is turned on by default, which provides an auxiliary function for horizontal flight. It will bring better flying experience in an environment with more obvious ground features and sufficient light. If the quadcopter needs to fly in an unsatisfactory environment, the optical flow positioning function can be turned off. The quadcopter will lose its auxiliary function for the horizontal flight when the positioning function is turned off. Pilot needs to manually adjust the horizontal position of the quadcopter and this requires better skills (Difficulty:*****)- To turn off/on the optical flow positioning function:

- Operate the remote control radio transmitter to access the OSD setting menu;
- In the MAIN menu, select CON FIG and access the CON FIG menu, as shown below;
- Select OPF and change it to OFF (turn off positioning)/ON (turn on positioning), and then select BACK to exit the CON FIG submenu;
- Select SAVE in the MAIN menu to exit the OSD setting menu.



Note: For more information about how to access and operate OSD menu, please refer to User Manual Chapter 6.1.

Documents / Resources

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