

Pre-flight

1. Verify airspace
 - a. Apps like B4UFLY are helpful tools to verify airspace
2. Check environment
 - a. Verify winds are ≤ 25 mph
 - b. Verify ceiling is ≥ 500 ft
 - c. Verify visibility is ≥ 3 sm
3. Documentation Check
 - a. Remote pilot certificate & Government ID
 - b. Copy of operations manual
 - c. Copy of waiver (as required)

Drone Pre-flight

1. Remove Skydio 2/2+ and battery from the case
2. Inspect the Skydio 2/2+ battery
 - a. No damage to casing
 - b. No damage to pins
 - c. Free of debris
3. Insert the Skydio 2/2+ battery
 - a. Ensure securely held in place by magnet
4. Power on Skydio 2/2+
 - a. Press and hold the power button on the battery for 3 seconds
 - b. Ensure lights illuminate
5. Inspect the body, arms, propellers, cameras, and gimbal
 - a. No damage
 - b. Free of debris
 - c. Clean 6x navigation cameras and front-facing cameras with microfiber cloth
 - d. Verify FAA registration number is accurate and visible
6. Place Skydio 2/2+ on a flat and level surface to prepare for launch

Controller Pre-flight

1. Remove the Skydio 2/2+ Controller from the case
2. Power on the controller
 - a. Open the arm
 - b. Ensure lights illuminate
3. Attach tablet adapter (if applicable)

Pairing

1. If already paired, Skydio 2/2+ and Controller should auto-connect once both devices are powered on
 - a. Verify devices are connected
2. If not already paired, pair your Skydio 2/2+ and Controller
 - a. Connect one end of the provided USB-C to USB-C cable to Skydio 2/2+
 - b. Connect the other end of the cable to the USB-C port on the controller
 - c. Ensure pairing is successful (solid blue LED)

Launching

1. Verify Return Behavior
2. Ensure aircraft is level and launch area is free of debris and obstacles
3. Ensure launch clearance is obtained (as applicable)
4. Press and hold the **Launch** button in the app or on the controller

Landing

1. Ensure landing area is flat and free of debris and obstacles
2. Ensure the drone is at or below 15 ft
3. Press and hold the **Land** button in the app or on the controller
4. Once the drone lands, ensure the propellers stop spinning before approaching
5. Power down drone
 - a. Press and hold the power button on the battery for 3 seconds; **OR**
 - b. Remove the battery from the drone

Hand Launching

1. Ensure you have stable footing and are not on a moving platform
2. Ensure the wind is at your back
3. Point the camera away from you and with your arm fully extended, lightly grip Skydio 2/2+ by the battery, slightly tilting it away from you
4. With your other hand, press and hold the **Launch** button in the app or on the controller
 - a. Alternatively, toggle on Quick Launch under Settings > Drone
 - b. Select Fly Now
 - c. Press the battery power button four times to initiate the launch
5. Keep your hand still and slowly relax your grip as the aircraft launches

Hand Landing

1. Ensure you have stable footing and are not on a moving platform
2. Position yourself under the drone
3. Ensure the drone is facing away from you
4. Ensure the wind is at your back
5. Press and hold the **Land** button in the app or on the controller
6. Firmly grasp the Skydio 2/2+ battery as it descends
 - a. **DO NOT** move the drone until the propellers completely stop spinning
7. Power down Skydio 2/2+
 - a. Press and hold the power button on the battery for 3 seconds; **OR**
 - b. Remove the battery from the drone