Skydio X2 | Flight Checklist

X2 Pre-flight

1. Remove X2 and battery from the case
2. Inspect the X2 battery
    a. No damage to casing
    b. No damage to pins
    c. Free of debris
3. Insert the X2 Battery
    a. Slide the battery along the track
    b. Ensure securely held in place by magnet
4. Power on X2
    a. Press and hold the power button on the battery for 3 seconds
    b. Ensure LEDs illuminate
5. Unfold all 4 arms
    a. Release the arm clamp
    b. Unfold arm
    c. Tighten arm clamp
    d. Repeat 3x
6. 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
7. Place X2 on a flat and level surface to prepare for launch

Controller Pre-flight

1. Remove the Skydio Enterprise Controller from the case
2. Power on the controller
    a. Press and hold the power button for 3 seconds
    b. Ensure LEDs illuminate
3. Enter device password (if applicable)

Pairing

1. If already paired, X2 and Controller should auto-connect once both devices are powered on
    a. Verify devices are connected
2. If not already paired, pair your X2 and Controller
    a. Connect one end of the provided USB-C to USB-C cable to X2
    b. Connect the other end of the cable to the USB-C charging port on the controller
    c. Ensure pairing is successful ("USB-C Port in Use" is displayed in app)

Launching

1. Verify Return Behavior
2. Ensure launch area is level and free of debris and obstacles
3. Ensure takeoff clearance is obtained (as applicable)
4. Press and hold the 'Launch' button on screen 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 (4.6 m)
3. Press and hold the 'Land' button on screen 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. Before pressing the 'Launch' button
    a. Ensure you have stable footing and are not on a moving platform
    b. Ensure the wind is at your back
    c. Point the camera away from you and with your arm fully extended, lightly grip X2 by the battery, tilting it slightly away from you
2. With your other hand, press and hold the 'Launch' button on screen or on the controller
3. Keep your hand still and slowly relax your grip as the propellers begin to spin

Hand Landing

1. Before pressing the 'Land' button
    a. Ensure you have stable footing and are not on a moving platform
    b. Ensure the drone is at or below 15 ft (4.6 m)
    c. Position yourself under the drone
    d. Ensure the drone is facing away from you
    e. Ensure the wind is at your back
2. Press and hold the 'Land' button on screen or on the controller
3. Firmly grasp the X2 battery as it descends
    a. Keep the drone still
    b. **DO NOT** move the drone until the propellers completely stop spinning
4. Power down X2
    a. Press and hold the power button on the battery for 3 seconds; **OR**
    b. Remove the battery from the drone