

1. AIRSPACE

- Check for restricted areas
- Weather is clear
- Wind speed <20 km/h or <12mph
- Check for crowds
- Check for towers, obstacles
- Operating area of sky is clearly visible

2. DRONE SETUP

- Gimbal cover removed
- Arms fully extended
- No visible damage or loose parts
- Battery inserted
- SD card inserted (optional)
- Power on drone (press, long press)

3. CONTROLLER

- Attach joysticks
- Power on controller (press, long press)
- Connect to drone (green light)
- Drone battery > 90% (green circle)
- Controller battery > 60% (swipe down)
- Extend antennae
- Camera view is visible

4. FLIGHT SETTINGS

- Manual obstacle Avoidance: Bypass
- Auto RTH Altitude: 120 m
- Max Altitude: 500 m
- Max Distance: 5000 m
- Camera Aspect Ratio: 4:3
- Camera Resolution: 12 MP
- Storage: SD card (optional)

5. TAKE-OFF

- Open flight plan map, check location
- Drone is on flat, level ground
- Drone is facing away from you
- Take off (joysticks down and in)
- Drone says "Home Point Updated"
- Photo mode to Timed shot 2s
- Confirm your observer is ready

6. FLIGHT EXECUTION

- Initiate flight plan
- At first waypoint, start photo capture
- Observer keeps visual line of sight
- Pilot monitors battery, altitude, errors
- At last waypoint, stop photo capture

7. EMERGENCY PROCEDURES

- In case of rain or wind warning, hold RTH till beep
- If a bird is approaching, fly straight up
- If an aircraft is approaching, fly down and land

8. POST-FLIGHT

- Power off drone (press, long press)
- Power off controller (press, long press)
- Inspect physical condition of drone
- Remove drone battery
- Remove controller joysticks

Flight plan file location on remote control:

- Internal shared storage
- Android
- data
- dji.go.v5
- files
- waypoint

1. Forward-facing LiDAR
2. Obstacle (vision) sensing system
3. Gimbal and camera
4. Downward vision system
5. Auxiliary light
6. 3-D infrared sensing system
7. Side button
8. Battery buckles
9. Landing gears (built-in antennas)
10. Aircraft status indicators
11. Motors
12. Propellers
13. Battery
14. Power button
15. Battery level LEDs
16. USB-C port
17. microSD card slot

