

# Drone Maintenance & Safety Checklist

## Pre-Flight Checklist

- Charge all batteries (drone, controller, mobile device)
- Inspect propellers for cracks, chips, or looseness
- Clean camera lens and gimbal
- Format SD card and verify available space
- Check for firmware updates
- Calibrate compass/IMU if needed
- Review airspace restrictions and GPS lock
- Set home point and verify RTH settings
- Check weather: wind, rain, visibility

## In-Flight Safety Tips

- Maintain visual line of sight
- Fly below 400 feet AGL
- Avoid flying over people or private property
- Monitor battery level and signal strength
- Avoid obstacles, birds, and interference zones
- Be ready to trigger Return-to-Home (RTH)

## Post-Flight Care

- Power off drone and controller
- Let batteries cool before recharging
- Wipe down drone and remove debris
- Inspect for any damage or errors
- Back up footage from SD card
- Store gear in a dry, secure location

## Routine Maintenance (Weekly/Monthly)

- Clean gimbal and camera lens
- Inspect and replace worn propellers
- Check firmware updates

## Drone Maintenance & Safety Checklist

- Calibrate compass and IMU if needed
- Inspect motors for unusual noise
- Check battery swelling and performance