

# PREFLIGHT CHECKLIST

## FOR DRONE PILOTS

### MISSION PLANNING (BEFORE YOU HEAD OUT TO FLY)

- Check weather forecast
- Update drone/controller firmware and app
- Select and research flight location (Google Maps/Earth, B4UFLY app, etc.)
- Charge all batteries (aircraft, controller, phone)
- Pack equipment
- Pack first aid/safety equipment
- Format SD card

### PRE-FLIGHT (IMMEDIATELY BEFORE FLIGHT, ON-SITE)

- Visually inspect aircraft for damage
- Remove lens cover/gimbal clamp
- Clean camera lens
- Confirm SD card in aircraft
- Check that props are on securely
- Check batteries are correct temperature and properly fitted
- Turn on controller, then aircraft
- Set max height to 400ft
- Set home point
- Set RTH height
- Check satellite connection and strength
- Perform compass calibration, if required
- Select desired flight mode
- Verify camera settings
- Set image storage location to SD card
- Check wind speed and weather conditions
- Double check for obstacles (power lines, trees, buildings, etc.)
- Select take off and landing point
- Take note of backup landing area

### TAKE OFF (GETTING THE DRONE IN THE AIR)

- Clear take-off zone
- Throttle forward to lift off or push take off button
- Hover at 7-10 feet for 15 seconds to check stability
- Check all controls are responsive