

FACT SHEET: Mavic 3E Pre-Flight Checklist

Requirements for Drone Use



Utilizing the drone pre-flight checklist before each flight is vital because it helps identify any potential issues or risks that could compromise the safety and success of the flight. By going through the checklist, drone pilots can ensure that all critical components are in proper working condition, such as batteries, propellers, and sensors. This proactive approach reduces the likelihood of unexpected mechanical failures or technical malfunctions during the flight, minimizing the risk of accidents and damage to the drone.

SAFETY:

- People
- Vehicles
- Power Lines / Poles
- Trees
- Wildlife
- Clear / Flat launch site

AIRCRAFT VISUAL INSPECTION:

- Props in good condition
- Aircraft clean & no loose parts
- Battery secured
- Aircraft battery fully charged
- RC battery fully charged
- SD card properly inserted



PRE-FLIGHT CHECK:

- Launch area flat/stable/clear
- Remove gimbal guard
- Attach propellers & ensure secure
- Power up RC
- Power up aircraft (leave stationary)
- Link established between RC/AC
- Calibrate IMU (if necessary)
- Calibrate compass (if necessary)
- GPS reception locked (at least 10 satellites)
- Home point set
- Set appropriate return to home altitude
- Adequate free space on SD card

FLIGHT:

- Launch aircraft
- Aircraft responsive to all inputs
- Fly the mission and land safely