



MAVIC AIR OPERATOR'S CHECKLIST



WARNING

This operator's checklist is intended for general reference only. This is not an official DJI checklist. Some conditions and/or situations may not be covered in these procedures. By using this checklist, the user/operator acknowledges this warning and accepts full responsibility.

PRE MISSION PLANNING

1. Firmware – Check up to date.
2. DJI GO 4 app - Check up to date.
3. Maps – Download as required.

CAUTION

Launching the Mavic Air without a fully charged battery can result in undesired performance and intermittent power interruptions during return to home low battery flight.

4. Batteries fully charged – Check
5. Transmitter – Check fully charged.
6. Tablet / Phone / Device charged – Check for charge level appropriate for the flight.
7. SD Card – Check free space
8. All required cables – Check
9. Accessories – Check as required
10. Weather conditions – Check for appropriate local weather requirements.
11. Airspace – Check to ensure planned flight is in accordance with FAA / ICAO airspace rules and regulations.

MAVIC AIR PRE FLIGHT

1. Battery – Check to ensure four green lights.

2. Mavic Air – Inspect for damage and check general condition and security.
3. Mavic Air – Unfold front arms, then rear arms.
4. Propellers – Install, tighten, and check locked.
5. Gimbal cover – Remove.
6. Gimbal security clamp - Remove
7. Transmitter – Unfold antennas and position upwards.
8. DJI GO 4 app – On and connected, login as required.
9. Transmitter – Connect to device as required.

WARNING

Operating in sport mode disables the collision avoidance system. Be aware of surroundings. Check for objects and people.

10. Transmitter – P / S mode as required.

MAVIC AIR PRE LAUNCH

1. Transmitter – Turn on.
2. Mavic Air – Turn on.
3. DJI GO 4 app – Check connected.
4. Mavic Air / Transmitter – Check firmware up to date.
5. SD Card – Check free space, format if required.
6. Compass – Check, calibrate if required.
7. Gimbal – Check, calibrate if required.
8. Return to Home (RTH) height – Set as required, if indoors set RTH off.

CAUTION

Ensure RTH height is set above surrounding obstacles.

9. Satellite Status – Check
10. Overall System Status – Check for any warning messages.
11. Launch Position – Check, ensure area is free from debris.
12. Home Point – Check, set. Ensure the area directly above is free from obstacles.

MAVIC AIR LAUNCH

1. Take off area – Check clear.
2. Observers / Bystanders – Inform take off is imminent.
3. Battery power – Monitor.
4. Signal Strength – Monitor.
5. Motors – On. Move both control stick down and in, or down and out.
6. Takeoff – Engage Auto Takeoff, or move left control stick up.
7. Hover check – Complete. Hover for a period of 20-30 seconds. Look and listen for any flight abnormalities.
8. Home Point – Check, update as required.

MAVIC AIR LANDING

1. Landing area – Check clear, announce to observers / bystanders intent to land.
2. Return to Home (RTH) – activate if required or desired. If not used, land aircraft manually.

AFTER LANDING

1. Mavic Air – Power down.
2. Gimbal security clamp – Install.
3. Gimbal cover – Install.
4. Transmitter – Power down, store.
5. Mavic Air – Remove battery, propellers, and fold arms for storage. Inspect aircraft for damage, and clean if required.

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AIRCRAFT STATUS INDICATOR LIGHTS

NORMAL

- R – G – Y** *Alternate red, green, and yellow flashes.*
Turning on, self-diagnostic testing.
- Y – G** *Alternate yellow and green flashing.*
Warming up.
- G – SLOW** *Slow green flashing.*
P-mode with GPS
- G X 2** *Two green flashes.*
P-mode with forward and downward vision position.
- Y – SLOW** *Slow yellow flashing.*
No GPS and forward and downward vision systems.
- G – FAST** *Fast green flashing.*
Braking.

AIRCRAFT STATUS INDICATOR LIGHTS

WARNING

- Y – FAST** *Fast yellow light.*
Remote control signal lost.
- R – SLOW** *Slow red flashing.*
Low battery warning.
- R – FAST** *Fast red flashing.*
Critical low battery warning.
- R – FLASH** *Red flashing.*
IMU Error.
- R – SOLID** *Solid red.*
Critical Error.
- R – Y** *Fast alternating red and yellow flashing.*
Compass calibration required.

