PRE-FLIGHT CHECKLIST

VLOS | DJI | Single Drone

GoPro

Check GoPro battery, remaining time, and settings.: Ensure GoPro has enough battery and remaining video time for the duration of the operation, and that it is set to shoot in 1080p 25fps.

Start GoPro recording: Start recording with the GoPro mounted on the head of the pilot, pointing downwards towards the controller.

Equipment

UAS inspection: Check for cracks and damage, ensure propellers are spinning smoothly.

Insert new SD card: Insert a new SD card into the drone.

Check battery remaining: Check the remaining battery for both the UAS and the controller.

Check failsafes: Ensure failsafe is set to RTH, set correct RTH altitude, set max flight distance up to 500m, set max altitude equal or less than 120m.

Check GPS fix and RSSI strength: Ensure the drone has a GPS fix and check the RSSI strength.

Final checks

Check surrounding ground: Check for ground risk (wildlife, obstacles, 3rd parties/uninvolved people).

Check airspace: Check for nearby aircraft.

Take go/no-go from the whole team: Ensure the whole team agrees to proceed with the operation.

Take off: Take off and start the operation.

Check performance: Fly UAS forward, backward, left, right, turn left and right, ensure it behaves as expected.