

Flight Checklist

Last updated: 20 May 2022

Checked by:

Mund Tiffat (OM)

Flight Checklist ID:
(FC_YYYYMMDD_HHMM)

PREPARED BY: WAFI
UAV PILOT / WL

Area Description:

UAV AC INSPECTION
FAIRF PIPERACK 2 STRUCTURE
AT OSC.

Equipment Pack Check: (DJI MATRICE 200 RTE SECOND UNIT)

- ☒ Drone
- ☒ Propellers: 4 pcs
- ☒ Remote Controller (RC)
- ☐ RC/Tablet with flight app ()
- ☐ USB Cable (if tablet is used)
- ☒ Batteries: 10 pcs (8 set)

Optional:

- ☒ Payload: H20T
- ☒ SD Card: 3 pcs
- ☐ Helipad
- ☐ Others: _____

Before Going to Site

- ☐ Drone Physical Condition:
 - ☒ Landing Gears
 - ☒ Arms
 - ☒ Body
 - ☒ Motors
 - ☒ External Sensors
 - ☒ Propellers

Remarks: _____

- ☐ Physical Condition and Battery Level:
 - ☒ RC
 - ☒ Batteries
 - ☐ Tablet (if any)

Remarks: _____

☐ Software and Sensors:

- ☒ Flight App
- ☒ Batteries
- ☒ RC Firmware
- ☒ IMU
- ☒ Drone Firmware
- ☒ Gimbal

Remarks: _____

Optional:

- ☒ Payload Condition Checked
- ☒ SD Card Storage Checked

Before Flight

- ☒ Landing Gear Installed (if any)
- ☒ SD Card Inserted (if any)
- ☒ Gimbal Locks Removed
- ☒ Payload Installed (if any)
- ☒ Propellers Installed, Tight and Secured
- ☒ RC Switched On & Antennas Adjusted
- ☒ Battery Installed and Powered On

Check After Each Restart:

- ☒ Drone is Connected
- ☒ Compass & IMU Status
- ☒ *Warning Notifications Verified
- ☒ Flight Mode: P-Mode
- ☒ Satellite Signal (>10)
- ☒ Obstacle Sensors Active
- ☒ Telemetry Signals: RC, HD (Strong)
- ☒ Battery Status (Sufficient/>30%)
- ☒ Ready to Go/Take Off Status (GPS)
- ☐ **Man, Machine, Environment

After Take-Off: (10.34 AM/PM) WINDSPEED: 2-3 KNOTS WEATHER: SUNNY

- ☒ Drone is Stable
- ☒ Controls Functioned Properly

- ☐ *Warning Notification Verified
If yes: DJI M3000 ENCOUNTERED BLINDSPOT ISSUE WHICH LEAD TO UNTRIGGERED OBSTACLE AVOIDANCE FUNCTION DUE TO THAT THE COLLISION HAPPENED BETWEEN UAV AND LAMP POST AT HEIGHT 7 METRE

Landing & Post-flight: (11.06 AM/PM)

- ☒ Battery Turned Off and Removed
- ☒ Remote Controller Turned Off
- ☒ Drone Physical Condition Checked

Remarks: MINOR DAMAGE

Mitigation: PILOT MANAGED TO CONTROL

THE UAV AND LANDED SAFELY AT SAFE ZONE AREA.

- TURNED OFF BATTERY (BATTERY IN A GOOD CONDITION).

- PHYSICALLY CHECK AND PACK THE DRONE BRING TO THE OUTSIDE PROCESS / NON-PROCESS AREA.

- WL INFORM OPERATION MANAGER ON THE INCIDENT.

- ☐ Propellers Removed (if required)
- ☐ Gimbal Locks Installed (if any)
- ☒ SD Card Removed (if any)
- ☒ Landing Gear Removed (if any)
- ☒ Equipment Counted
- ☒ REMOVE PAYLOAD H20T.

*If Positive, Pause or Calibration May Be Required.

**If Negative, Pause May Be Required.