

# Requirements and recommendations for operating conditions.

TOPODRONE DJI Air 2S PPK is designed for use in open areas in weather without precipitation.

Do not operate the TOPODRONE DJI Air 2S PPK in rain, snow, sleet, hail or fog.

TOPODRONE DJI Air 2S PPK does not have IP protection, and if this recommendation is violated, moisture may get on the surface of the camera lens and inside the device. This may degrade the data received quality, as well as damage the internal structure of the TOPODRONE DJI Air 2S PPK. If precipitation starts during the flight, we recommend to stop operating, land the drone, and wipe it with paper towels and put it in the transportation case.



Icing of the drone during flight at  $-18^{\circ}\text{C}$   
propeller

Icing of the DJI M200

Operating the TOPODRONE DJI Air 2S PPK in sub-zero temperatures and high humidity (above 80%). It can lead to icing of the drone and camera, to deterioration of data quality, and even to a drone crash. Please note that in the case of geodetic aerial photography, the mission time and battery consumption may increase when the wind strength is higher than 5 m/sec. To obtain optimal images in terms of quality, it is recommended to fly in daylight under sufficient lighting conditions.

In case of insufficient or no GNSS signal quality, the TOPODRONE DJI Air 2S PPK cannot be used for high-precision aerial photography. The minimum visible number of satellites is 8.

It is strongly recommended to check the weather conditions and the number of visible GNSS satellites before the flight.

The main camera lens must be handled with care. Foreign objects can easily damage the sensor surface. Minor single scratches of the TOPODRONE DJI Air 2 PPK will lead to a noticeable deterioration in the quality of the data received. Always take off from a flat, clean, stable and non-metallic surface. Sand, dirt, dust and metal shavings trapped inside the electric motors of the drone itself or the suspension can lead to serious failures or the inability to perform the flight.

The manufacturer and the seller are not responsible for the equipment`s failure when it is used in violation of the recommended operating conditions.

---

Revision #1

Created 2 December 2024 12:09:34 by Tatiana

Updated 2 December 2024 13:29:57 by Tatiana