



**On The Go Outdoor Adventures  
Desert Escape Resource**  
*Desi Ekstein - Drone Diva*

**10 things to consider when planning your drone flight mission**

Safety with drone flights is imperative. The operator of an uncrewed aircraft is ultimately responsible for the entire operation. This includes preflight planning, equipment maintenance, the crew, and safety throughout the mission.

You have taken a step towards elevating your standard operating procedures. Knowing where to start can be the hardest part. This one-page checklist is perfect for getting started but is not all that is required. Print the page and keep it with you when planning your missions.

Thank you for downloading this document. Please feel free to reach out if you would like to discuss your drone operations further.

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## **10 things to consider when planning your drone flight mission**

### **Mission planning overview:**

- |   |  |   |                                       |                                    |
|---|--|---|---------------------------------------|------------------------------------|
| <input type="checkbox"/> Aircraft ready     | <input type="checkbox"/> Airports nearby | <input type="checkbox"/> Weather        | <input type="checkbox"/> TFR          | <input type="checkbox"/> NOTAM     |
| <input type="checkbox"/> Location confirmed | <input type="checkbox"/> Authorizations  | <input type="checkbox"/> Ground station | <input type="checkbox"/> Risk assess  | <input type="checkbox"/> Emergency |
| <input type="checkbox"/> Pilot/crew/general | <input type="checkbox"/> Client needs    | <input type="checkbox"/> Traffic        | <input type="checkbox"/> Obstructions | <input type="checkbox"/> Other     |


### **Concerns to address:**


- 1- Permission to fly.
  - Research the area: What Airspace, nearby airports, TFRs, drone policies.
- 2 - Risk Assessment, Hazards, Privacy & Nuisance.
  - Identify the risks: People, schools, privacy, utility lines, trees, etc.
- 3- Weather.
  - Traditional weather conditions: Current, cold, hot, windy, cloud clearance, time of day.
- 4 - Authorizations required.
  - FAA authorization: LAANC, DroneZone, Class G.
- 5 - Equipment.
  - Aircraft and equipment to be used: Right tools for the job, aircraft, safety cones, launch/land pad, etc.
- 6 - Pilot and crew.
  - Qualifications needed: Experience, training, and additional Visual Observers.
- 7 - Personal Protection Equipment.
  - Elements and duration of the mission: Jacket, boots, hard hat, medications, food, water.
- 8 - Documentation.
  - Copies of all documents available upon request: Insurance, authorizations, FAA registrations, and certificates.
- 9 - Client needs.
  - Client expectations: Data collected, data delivery method, timeline, frequency of flight.
- 10 - Emergency.
  - Emergency information and awareness: Policies, procedures, nearby hospitals, contact information.


## Mission planning resources and apps:

 FAA TRUST [FAA TRUST](#)

 FAA DroneZone - Registration, Authorizations and more [FAA DroneZone](#)


 UAS Facility Map - FAA visualization of airport airspace grid [UAS Facility Map](#)


 Air Aware - Notify flight [Air Aware](#)


 Low Altitude Authorization and Notification Capability (LAANC) - Airspace authorization [Air Control](#)

 How to apply for LAANC guide [LAANC Guide](#)

 TFR (Temporary Flight Restrictions) [TFR](#)

 NOTAMS: [NOTAMS](#)

 UAV Forecast (available as an app also) [UAV Forecast](#)

 1800wxbrief Flight Services (Weather & flight planning) [Flight Services](#)

## Traditional aviation resources:

 AirNav: [AirNav](#)

 Sky Vector - Nearest Airports and information [Sky Vector](#)