The Conops must include the following information**. Note:** This is the minimum. Please feel free to add additional information as needed. Your ConOps must follow current APA format, where applicable and must be 2 - 3 pages (maximum).

**Administrative Data:**

* What UAS will you utilize (include a picture)?
* What sensor will you use?
* What other payload is utilized?
* What type of control station is used?
* What type of control is used?  Manual or autopilot?
* What Pilot qualifications are needed?
* Will you use spotters? If yes, be sure to state their qualifications.
* What type of launch and recovery element will you use?
* What are the required weather conditions?
* How will your plan the mission (what software)?

**Flight Data**

* How long should the mission take?
* What is the planned flight path (show a diagram/picture)?
* Will you have to refuel/change batteries?  If so, how will you know?
* What radio frequency does the controller use?
* What radio frequency will the crew utilize to talk?
* At what altitude will the UAS fly?
* At what airspeed will the UAS fly?
* Can you maintain VLOS for the entire mission and where do you have to be located to do so?
* Where will the aircraft go if it loses link and is that area clear?

**Mission Data:**

* What will your UAS be doing as it flies (taking pictures, NDVI, spraying, LIDAR)?

**Safety Data:**

* Consider what will happen if you fly the UAS within 5 miles of an airport or any other aviation hazard?
* What is the worst weather condition in which you can accomplish your mission?
* Are there any obstacles to worry about?