SOP TEMPLATE

1. PERSONNEL REQUIREMENTS
   1. Designations
      1. List the required and available positions to operate the UAS
   2. Training
      1. Tailor the Basic UAS Qualification (BUQ) Levels in Ref (a) to the particular UAS
      2. Define what training is required to qualify for each position
   3. Proficiency
      1. Start with the proficiency requirements in chapter 3. Adjust as required
      2. Refresher training to regain proficiency
      3. The requirements can be more stringent then chapter 3
2. FLIGHT OPERATIONS
   1. Pre-Flight Checks
      1. Start with the guidance provided in this instruction and tailor to individual UAS
      2. Include any known Range procedures
      3. Include any assembly instructions
   2. Start/Taxi/Takeoff Checks
      1. Create a checklist that covers starting procedures, taxi and takeoff (launch) checks and procedures
   3. Autonomous Flight
      1. If the UAS is capable of autonomous flight, state the procedures for switching between controlled and autonomous flight. Include minimum altitude to safely transition between the two
   4. Systems/Mission Checks
      1. Procedures to turn on/off and operate non-flight related systems
   5. Landing Checks
      1. Procedures to safely recover the UAS
   6. Post Flight Checks
      1. Procedures to power off flight and mission systems to include disassembly
3. EMERGENCIES
   1. Degraded Operations
      1. Define failures and how to safely operate the UAS when a system fails.
      2. State procedures to recover from degraded operations
      3. State any automatic responses by the UAS to a system failures
   2. Flight Emergencies
      1. List procedures to recover or terminate UAS in the event of an aerodynamic or structural based failure to include fire
4. AIRCRAFT LIMITATIONS
   1. List any known or estimated limits to include weight, center of gravity, loading and endurance
5. RANGE PROCEDURES
   1. Define and describe any specific range and containment procedures for the UAS