

**University of Wyoming UAS
Flight Operations Procedures Checklist**

Pre-Flight Checklist

Completed

1. *Equipment Check*
 - a. UAS is free of visible defects.
 - b. All propellers in good condition are free of cracks, holes, dings, or other defects.
 - c. All propellers are firmly mounted and installed correctly.
 - d. All screws are tightened securely.
 - e. The landing feet are firmly attached.
 - f. All antennas are firmly attached.
 - g. All batteries are fully charged
2. *Weather check*
 - a. Wind speed within the operational limits.
 - b. Operation is clear of any rain, fog, thunder lighting, or other weather phenomena that would place the operation at risk.
 - c. Local weather report reviewed.
3. *Site Set Up*
 - a. Check NOTAMS for Temporary Flight Restrictions.
 - b. FailSafe point established
 - c. PIC and Observer review roles, responsibilities, and communication procedures.
 - d. Establish the location of the PIC and Observer.
 - e. Identify the Launch and Recovery Zone and ensure it is, cleared free of obstacles, and marked for safety.

Launch Checklist

Completed

1. Ensure that the UAS is in the Failsafe geographic position.
2. UAS positioned safely per University of Wyoming UAS Policy manual and applicable UAS manual.
3. UAS prepared for launch.
4. Visual Observer prepared.
5. Surrounding area and airspace clear.
6. Initiate Launch sequence.

Landing Checklist

Completed

1. UAS geographically positioned for landing.
2. Complete landing Sequence

Shut Down Checklist

Completed

1. Unplug and remove battery from UAS.
2. Fold all antennas on UAS.
3. Complete Post Flight documentation.