



UAS Preflight Inspection

At a minimum complete the following preflight inspection immediately before the operation of the UAS. Do not operate the UAS if a deficiency cannot be corrected.	OK	NA	Maintenance Required
Confirm Airport has been notified of the flight			
Ensure UAS is in a level location safe for takeoff, away from obstructions, people, and power lines			
Verifying all transmitter, on-board aircraft and camera batteries are fully charged; (confirm voltages)			
Checking all control surfaces for signs of damage, loose hinges, and overall condition; Looking over the wing/rotors to ensure they are in good structural condition and properly secured			
Check motor/engine and mounting attached to the airframe			
Study propellers / mounting hardware (tight) / rotor blades for chips and deformation			
Check the landing gear for damage and function			
Test electrical connections, plugged in and secure			
Ensure photo / video equipment mounting system is secure and operational.			
Check the IMU movements in the ground control software			
If using a video recorder, turn on camera system			
All transmitter controls move freely in all directions			
All transmitter trims in neutral position			
All antennas are in the proper position			
Transmitter throttle to zero			
Turn on the radio transmitter:			
Connect / power on battery to airframe			
Ensure led indicators and audible tones are correct			
Timer on (if applicable)			
Scan for nearby cars / people / animals			
Arm flight controller			
Check for GPS lock			
Increase altitude slightly, listening for any abnormalities			
Short 20-30 second hover at 3-5 feet (listen for vibrations / loose items)			
Confirm Voltage levels are correct			
Ensure that UAS is in the proper mode, with all control surfaces moving towards the correct positions			

Note any pertinent issues/corrective actions:

Remote Pilot Signature: _____

Date: _____