Pre-flight Checklist

A. Weather
   i. Check weather to ensure safe operating conditions.

B. Location
   i. Check for nearest airport
   ii. Notify property manager of arrival and daily expectations.
   iii. Check property and surrounding areas for radio towers, buildings, power lines, and other obstructions.
   iv. Designate a safe takeoff and landing location.
   v. Clean up all trash and debris from area.

C. Radios
   i. Remove from case.
   ii. Turn on radios.
   iii. Ensure radios are on proper aircraft model.
   iv. Ensure radios have proper battery voltage.
   v. Ensure radios are transmitting on proper frequencies.
   vi. Ensure radio switches are all operational.

D. Ground stations
   i. Remove from case.
   ii. Plug batteries into ground stations.
   iii. Check antennas on ground stations for serviceability.
   iv. Turn on ground stations.
   v. Ensure ground stations are on proper receiving channels.

E. Aircraft
   ii. Remove aircraft from case.
   iii. Set up aircraft.
   iv. Check aircraft hardware for proper security.
   v. Check aircraft components for proper security.
   vi. Check propellers for any indications of chips, cracks, or wear beyond safe serviceability.
   vii. Check camera for full battery.
   viii. Check camera for SD card.
   ix. Check camera for clean lens.

x. Secure camera in gimbal.
xi. Check flight battery for proper overall voltage and voltage of individual cells.
xii. Check video transmitter battery for proper overall voltage and voltage of individual cells.
xiii. Plug in batteries and let aircraft initialize.
xiv. Calibrate aircraft to location.
xv. Ensure proper satellites acquired.
xvi. Ensure OSD is displaying all accurate information.
xvii. Turn on camera.
xviii. Ensure operation of camera gimbal.
xix. Ensure ground stations are receiving video signals from cameras.