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Field Pre-Flight Check List

- € Pilot in Command (PIC) determine airspace classification and necessary notifications
 - o Check weather for VFR distances and conditions
 - o Ensure proper points of contacts are on hand
 - Local airport and authorities
- € PIC identify any potential aircraft risks, take-off and landing sites
- € PIC conducts preflight brief to include
 - o Flight plan
 - o Mission tasks
 - o Emergency procedures
 - o Verify Visual Observer's Radio is set to proper frequency to monitor air traffic and volume turned up/air traffic app turned on
- € Preflight
 - o Remove potential Wi-Fi interference
 - Phones to airplane mode
 - o Confirm battery and controller fully charged
 - o Confirm required maps and flight path loaded
 - o Install rotors, camera
 - o Inspect rotors, motor, camera (gimbal clear for start-up) and ensure SD cards is installed
 - o Connect IPad and controller
 - o Check PAF switch in correct position
 - o Power up UAS
 - o Ensure remote and aircraft are connected
 - o Inertial Measuring Unit (IMU) and compass calibration (if applicable)
 - o Confirm home point and Return to home (RTH) settings
 - o Motor functioning properly
 - o Confirm gimbal is working properly
 - o Execute stick commands
 - o Ensure area safe for take off
 - o Fly mission