



FREMONT FIRE DEPARTMENT

UAS Pre-Flight Checklist

Arrival Checklist

- If daytime and operating out of back of vehicle, point vehicle into the sun.
- File NOTAM
- Check distance to nearest airport and/or controlled airspace using smartphone or tablet app.
- If required, use VHF aviation transceiver or telephone to contact ATC (closer than 5NM.)
- Inform tower of UAS ops, location, and max height of flight

Preflight Checklist

- Remove transmitter
- Transmitter "ON"
- Toggle switch in "P" position
- iPad "ON"
- Connect Controller to iPad
- Remove UAV from case
- Gimbal lock and lens cap removed
- Micro-SD card installed
- UAV battery installed/full
- Place UAV in clear, safe launch zone for "Return to home"
- UAV battery "ON"
- Positive Connection to Controller (green light)
- DJI app connected to camera
- If needed, make all connections to the monitor in the back of the Tahoe
- Satellite connections verified
- Calibrate GPS

- Charge levels safe for flight
- Ensure home is set
- Takeoff
- Follow "After takeoff Checklist"

After Takeoff Checklist

- Hover approximately ten (10) feet above the ground to confirm UAV is under control
- Verify all controls operate correctly
- Landing gear "Up" (Inspire)

Pre-Landing Checklist

- Camera up
- Landing gear "down" (Inspire)
- Video Recorder Stopped
- Landing Zone Clear/Safe

Post-Landing Checklist(Returning to Flight)

- Battery Removed/Replaced
- Positive Connection to Controller
- DJI app connected to camera
- Takeoff
- Follow 'After takeoff Checklist'

End of Ops Checklist

- Battery "Off"
- Controller "Off"
- iPad "Off"
- Secure SD card (Evidence)
- Notify Tower- End of Operations
- Secure all equipment