Flight Checklist Form

sUAS Pilot (Remote Pilot-In-Command): __IMM_____ ☐ Part 107 sUAS

3J Project Number & Name: __24952.50 NP On-Call General Engineering 2024-2025_____

Date: __1737156780000_____   Time: _____

Weather at Time of Flight: __Partly Cloudy,Sunny_____

Before Flight – At Office

- ☐ Flight Plan creation
  - o Via Site Scan ESRI App or DJI App
- ☐ Site Survey/ Obstacle Check
  - o Via GoogleEarth or site reconnaissance
- ☐ Check Weather
  - o Ceiling requirements and Visual Line of Site (VLoS) requirements can be met
  - o Operable Temperature Range (Ex. Phantom 4 Pro v2.0 - 32°F to 104°F)
- ☐ Equipment Packed and Charged
  - o Batteries
  - o Drone
  - o Propellors (+ backup set if available)
  - o SD Storage Card
  - o Remote Controller
  - o Cables (iOS lightning to USB cable, etc.)
- ☐ Check NOTAMs
  - o Notices to Airmen: Federal Aviation Administration: NOTAM Search (faa.gov)
- ☐ Check Airspace Authorizations
  - o DJI GeoZones Unlock - DJI FlySafe
  - o AirMap?
- ☐ Software Updated
  - o iOS Updates
  - o DJI Firmware Updates
- ☐ Site Permissions
  - o As required permissions from owner, contractor, jurisdiction, etc.
- ☐ Personal Protective Equipment (PPE) packed
  - o Vest
  - o Boots
  - o Hardhat as required
  - o Glasses as required

Before Flight – At Site

- ☐ Determine Home Point
  - o Clear of interference (powerlines, transmission towers, etc.)
- ☐ Inspect Drone/ Equipment
- ☐ Equipment secured in/ on drone properly
  - o Battery
  - o Propellors
- ☐ Protective Equipment Removed
  - o Lens Cover and Gimbal Clamp
- ☐ Calibrations
  - o As required
- ☐ Signal/ Satellite strength/ connections
- ☐ Verify obstacles
  - o Trees, buildings, powerlines, etc.

Post Flight

- ☐ Inspect Drone/ Equipment
- ☐ Equipment Packed
  - o Protective equipment applied
- ☐ Sync Site Scan Field App w/ Cloud

Notes

- ☐ Flight Altitude __190_____ ft.
- ☐ Incident(s)
  - o NO
  - o YES, if so what?
    - ▪ _____

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