

DJI INSPIRE 2 CHECKLIST

PRE-FLIGHT INSPECTION- CHECKLIST

- Post Flight Requirements Review maintenance log/ previous flight
- Structure Inspect
- Transform from Travel Mode
- Start Motors without props, listen for abnormal sounds
- Inspect leading edge/Install Props & Lock
- Motors All Spin Identically
- Camera Mount Secure/ no torn rubber mounts
- Camera Spins Freely
- SD Card Formatted/ Installed
- Remote Battery Charged
- Propulsion Battery Charged
- Firmware Review
- Aircraft Settings/ Master Stick Mode Review (Mode 2)
- Camera Settings/ Gimbal Stick settings Review
- GPS Fix/ Displayed Altimeter Height vs. Aircraft Actual Height
- Minimum Safe Altitude/ RTH (Obstacle Avoidance) Set
- Max altitude (400ft/120m) Set
- Lost Link Behavior (Advanced Tab) RTH
- Battery Failsafe Critically/ low battery 10%. Warning/ Low battery 30%. (Landing @ 30% Battery Life)
- Download Satellite View Ground Terrain on Both iPads
- Magnetometer/ Compass Calibrate

PRE-FLIGHT BRIEFING- CHECKLIST

MISSION OBJECTIVE

- Mission/ Flight Profile

AREA OF OPERATIONS

- Geographical Area Covered
- Physical/ Navigational Hazards to Flight

AIRSPACE

- Airports/ Approaches
- Special Use Airspace/ Military Flight Routes
- Scheduled Airspace
- Launch and Recovery Zone
- Secondary zones
- Identify Hold Point(s)

FLIGHT PLAN

- ATC Notified if near airport
- Flight Services contacted/ check for TFRs
- COA/ Pilot Certificates Available

COMMUNICATION

- Equipment Two way radio
- Helicopter Frequency (123.025)
- Frequencies for Local Airports Logged
- Contingency Comms/ cell phones
- Bluetooth Speaker Connected to Control Room.

WEATHER

- Current Conditions
- Forecast Conditions
- Max winds for safe flight (22mph/19 knots) (1 knot=1.15mph)

DJI INSPIRE 2 CHECKLIST

MAINTENANCE

- Known Issues/ Trends
- New Crew
- New Equipment/ Procedures
- Unfamiliar Site
- Other Drone Operations in Area

EMERGENCY AND ABNORMAL PROCEDURES

- Review Verbal/ Hand Signals
- Identify Cardinal Directions & Points of Reference
- PIC Announce Failures and Intentions/ Emergency Procedures
- Observer Announce Any Abnormalities
- Emergency Gear Location
- Roles- Gear Retrieval/ Aircraft Control/ 911/ Crowd Control
- Pre-flight Inspection should be complete, if not conduct pre flight checklist before continuing.

BEFORE TAKEOFF- Checklist

- Radio Links Verify
- P Mode (GPS)
- Aircraft Flight Mode Led on Aircraft-green (Note (GPS, SPORT, ATTI) Green GPS Bar on I pads, Satellites Connected #, Battery Level, Remote Frequency Strength
- Confirm flight controls per pilot (Mode 2)
- Motors Idle, Check Direction, Kill Motors
- Antenna Orientation/ Range extender on Slave Remote
- Runway/ Flight path Clear
- Camera mode (Free)
- Go/ NO Go Roll Call