

Mission Packing Checklist - Page 1

(Day Prior)

Batteries (1/2 Charged or Charged)

- Matrix (22,000 mAh)

Qty: _____

- Gimbal

Qty: _____

- NEX

Qty: _____

- Canon G15

Qty: _____

- FARO LIDAR

Qty: _____

- R8 Li Ion

Qty: _____

- GoPro

Qty: _____

- Spare AA/AAA Batteries

Qty: _____

- Multispectral

Qty: _____

Charging Equipment

- Power Supply(ies)

Qty: _____

- Charging Units

XT60: _____

XT90: _____

Balance Port Adpt. _____

Lith. Bat Charger _____

- GoPro USB Charging Cable

Qty: _____

- GoPro Battery Charger

Qty: _____

- Generator

Qty: _____

- Extension Cords

Qty: _____

- Laptop/Tablet Charging Cable

- iPad Charging Cable

- Netbook Charging Cable

- Multispectral Battery Charger

Mission Packing Checklist - Page 2

(Day Prior)

Camera Equipment

- IR GoPro
- Color GoPro
- Canon Telephoto
- Lens cleaning kit
- Color NEX
- IR NEX
- Gimbal Mounting Kit (box)
- 64 GB Micro SD Cards
Quantity: _____
- Micro SD - SD Adaptor Chip
- 128 GB SD Cards
Quantity: _____
- Calibration Targets, White
Quantity: _____
- Calibration Targets, Black
Quantity: _____
- Gray Card
- Mounting Screws Box

AIS Lab UAS Ops. Info

- Preflight checklist
- CoA
- Medical Certifications
- Pilot Certifications

Additional Electronics

- FARO Scanner Kit
- iPad
- HP Netbook
- Range Finder
- External Hard Drive (cords too!)
- Cell Phone(s)

Tool Kit Supplies

- Socket Wrench Set
- Allen Wrench Set
- Needle-Nose Pliers
- Hex Driver Set
- Electrical Tape
- Packing Tape
- Duct Tape
- Extra Velcro straps
- Zip Ties
- Rotor Blade wrench (IRIS, Solo)

Field and Safety Gear

- Backpack (electronics)
- Backpack (solo)
- Hardhats
Quantity: _____
- Sunscreen
- Cruising Prism
- Cruising Vest
- Rain Gear
- Jacket
- Hat/hood
- Rain Pants
- Toilet Paper
- Hand Sanitizer
- Water Bottle(s)
Quantity: _____
- Field boots
Quantity: _____
- Sun Hat
- Fire Extinguisher
Exp. Date: _____
- First Aid Kit
- DBH Tape
- Tape Measure

Mission Packing Checklist - Page 3

(Day Prior)

Ground Control Gear

- Bipod
- Antenna Mast
- Tornado Antenna
- R8 Base
Antenna/Receiver
- R8 Rover
Antenna/Receiver
- Trimble GEO XH
- Antenna Cable
- Targets
- Box of staples/stakes
- Surveying Tripod
- Rover Bipod
- Surveying Tape Measure
- Field Notebook (write-in-
the-Rain)
- Pens, pencils

MATRIX Equipment

- VHF Radio
- GCS Laptop
- 915 Hz Telemetry Radios
- Spare GPS module
- Spare 3DR 6 Wire
Extension
- Spare 3DR 5 Wire
Extension
- Matrix Arm Mount.
Screws
- Matrix UAS + Case
- RC Transmitter
- GoPro Mounting Bracket
- Spare Rotor Blades

Quantity: _____
- Spare Motors (cw & ccw)

Quantity: _____

SOLO Equipment

- UAS Case + Solo
- Spare Blades

Quantity: _____
- Spare Blades

Quantity: _____
- Spare Motors (cw & ccw)

Quantity: _____
- Hex Tool set
- Quick Start Guide (Solo
and IRIS)
- Other Manuals

DJI Equipment

- UAS Case
- Spare Blades (cw)

Quantity: _____
- Spare Blades (ccw)

Quantity: _____
- Spare Motors (cw & ccw)

Quantity: _____
- Hex Tool set
- Quick Start Guide
- Other Manuals