Items to bring

UAV’s

* Mugin – fuselage, wingsx2, tail, struts x4 - JP
* Pandaboard box - JP
* Chameleon camera and lens - JP
* APM and failsafe module - JP
* 900 MHz radio and 5.8 GHz radio and antennas - JP
* Wire thingy for poking servo cable through tail poles - JP
* Screws for hatches - JP
* Engine starter - JP
* Filled fuel tank and jerry cans - JP
* Fuel pump - JP
* Ground power battery - JP
* RC Transmitter and receiver - JP
* Bottle and bottle drop assembly - JP
* Avionics battery - JP
* Poles to hold back UAV after engine started - JP

Ground Station

* Laptops (x3 at least) – AT (x2), SD, MR, MF, CG
* Mice and mousepads
* Switch/Router for LAN – SD, MF, MR
* LAN cable (3m) x 4
* Large (> 22”) screen – SD, AT
* Power source for PoE for Bullet - AT
* Shade boxes
* GCS antenna stand - AT
* 900 MHz radio and 5.8 GHz radio and antennas - AT
* Table - JP
* Chairs x7 – JP, MF, MR
* USB to DB9 serial (RS232) - MR
* DB9 RS232 Null modem - MR
* DB9 gender bender - MR
* 2-way radio for GCS <-> Pilot communications - JP
* SLA and inverter and charger - MF

Spares

* Pandboard - AT
* APM - AT
* Camera & lens – AT, SD
* RC Transmitter and receiver - AT
* USB (mini & micro) cables - everyone
* GPS modules – AT, CG
* Propellers - JP
* Nose gear and nose assembly - JP
* Bottle and bottle drop assembly - JP
* Screws (many types!) - JP
* Avionics battery – JP
* Documentation – SD
* RF cables – AT
* Power adapters and cables – everyone
* Mugin Wheels - JP

Tools

* Screwdrivers
* Wire strippers
* Solder and soldering iron
* Jack’s toolbox (!)
* Tape
* Epoxy
* Drill
* Elastic bands
* Knife/scissors
* Fire extinguisher
* Multimeter
* Torch
* Hammer
* chisels,
* saw(s)
* plane
* Files
* Blowtorch and or Welder (is this too much ?)
* Heat gun (for heat-shrink or just use soldering iron ?)
* Scrap plywood, balsa, and sheet metal.
* 1st Aid kit - CG
* Printer (and paper) - JP
* Compass
* Clamps