Cubesat Packing list

* Aluminum Plates x9
* Steel deadweight
* Deadweight Bolt
* Eyebolt
* 3/8” nut x4
* 3-48 x ½” screw x 24
* 6-36 (I think its 36) x ½” screw x16
* 4-40 x ½” screw x 36
* 4-40 x ¼” screw x 24
* 2-56 x ½” screw x 6
* 4-40 standoff x28
* Anything but kismet x2
* Just read the datasheet x2
* Backup IC box
* GoPro hero 4
* Gopro front cover x2
* Gopro back cover x2
* 32GB sd card x2
* Charging cable
* Battery bank
* Battery bank clip x4
* Recovery -> instr power cable x2
* Recovery -> instr data cable x2
* Thermistor cables x3
* 4GB SD card x2
* Stratologger x2
* 9v Battery clip x2
* 9v Battery x3
* Stratologger data cable x1
* Stratologger switch cable x2
* GPS Data cable x1
* PCB antenna x2
* PCB antenna cable extension x2
* Blue lipos x3
* Lipo mounting clip x4

Deployment system mount

* Payload sleeve
* Nosecone
* Nose cone tip
* Tip eyebolt
* Tip eyebolt spacer
* Payload base coupler
* Shear pin x9
* Delrin rail x8
* 4-40 x ½” button head x32
* ¼” Threaded rod x2
* ¼-20 nut x4
* Cubesat->Chute line
* Parachute
* Parachute link
* Chute->Nose cone line
* Nose cone link
* 38g co2 cylinder
* Co2 mount
* E matches x2
* Gunpowder
* Fireproof cloth

Transponder components

* Case front
* Case back
* Pot cap
* Pot x2
* LCD display x2
* Buttons x5
* Switch
* U.fl to coaxil connector x2
* Not going to space today PCB
* Whip antenna x2
* SD card x2
* 4-40 x ¼” screw x6
* 4-40 x 1” screw x6

Assembly tools

* Allen key for #6 socket head screw
* Allen key for #4 socket head screw
* Allen key for #4 button head screw
* Allen key for #3 socket head screw
* Allen key for #2 socket head screw
* Side cutters
* Pliers
* Wrench for 3/8” nut
* Wrench for ¼” nut
* Soldering iron
* Wire strippers
* Flat head driver for screw terminals
* Tweezers
* Crimp tool
* Heat gun

Consumable Extras

* Solder
* Solder wick
* Flux
* E-tape
* 22 AWG wire
* LCD wire (what gauge)
* Molex crimps
* Molex male connector spares (2 & 9 pin)
* Molex female connector spares (2 & 9 pin)
* Heat shrink
* Assorted cable ties