Vehicle Side

* Hook up ribbon cable to connect thermocouples, pressure sensors, power, GND, etc.
* Ensure switches are all set to on

Once EBay is inside vehicle

* Connect TX, RX, and GND pins from launch box to pins on side of rocket
* Ensure Arduino Mega’s XBEE is connected via its RPSMA connector to the launch site side antenna

On CMD Center Side

* Plug XBEE into USB dongle and plug dongle into command computer
* Connect XBEE to command site side antenna via its RPSMA connector

Run avionics systems check and ensure data looks good. System commands below

Commands for Comm Master

* r - readys launch
* f - final launch ready
* l - LAUNCH
* a - abort
* s - returns state of variables

Commands Meant for DAQ

* i - initialization: initializes SD card
* t - sensor test: sends sensor values ten times over 5 seconds
* c - collect data: collects data continuously. outputs over serial and saves. Also checks temp
* to make sure it's not too hot. Command to make pins go high to signal heat event are commented out
* e - exit data collect