**Payload Assembly and Power Up T-30:00**

Power on SPOT trace and install in gimbal

Check recovery harness integrity

Plug in GoPros 1-3

Plug in LightAPRS

Power on GoPros. Confirm connectivity with app

**Final Count: T-10:00**

Balloon should be nearing full. Final payload checks should occur roughly as neck lift is measured and tether is attached

Confirm SPOT Trace operation

Confirm 2 consecutive LightAPRS packets

Begin GoPro recording

Attach parachute to harness

Mount lid and seal payload box with packing tape

Confirm gimbal operation

* If gimbal is not operating as expected, replace with static mount. Ensure power is still being provided to the RX0-II

**T-5:00**

Begin Sony RX0-II recording

Confirm GoPro recording

Confirm Sony RX0-II recording

Payload is now ready for flight. Balloon should be full and ready to lift the payload, follow Balloon team instructions for lofting the payload. Continue to monitor cameras, trackers, and gimbal for issues. Call HALT immediately if something arises.

**Balloon Release**