

Team:	Checked by:	Result
Ground Station Checks		
Power switch and indicator	Is there an accessible switch and an indication that power has been turned on?	30
Container Telemetry at 1 Hz	Are sensors sampled at a 1 Hz rate.	10
Payload Telemetry polled at 4 Hz	Is payload telemetry updated at 4 Hz	10
Telemetry file in csv format and includes all required field	Does the telemetry include all required fields? Is data file in csv format with comma separated fields.	10
NETID/PANID set to team number	Is NETID or PANID set to mission team number?	10
XBEE not in broadcast mode	Is XBEE radio not in broadcast mode?	10
Telemetry in required units	Is telemetry shown on GS screen in required units?	20
FSW maintains packet count	Is there a packet count in the telemetry?	10
XBEE antenna hand-held	Is the antenna handheld or can be placed on table top? No antenna mounting structures or towers.	10
GS portable	Is the ground station easily portable?	10
Structure Checks		
Drop Test	Does cansat survive a drop from 2 feet attached to cord. No parts falling off, no separation.	Pass/Fail
Container	Does container fully enclose payload when stowed	20
Structural Integrity	Does the structure bend, deflect, warp, or otherwise appear unsound?	10
Circuit board mounts	Are circuit boards secured to the structure with standoff, screws, foam tape, etc? No boards are warped due to mounting?	10
Mechanism mounts	Are all mechanisms such as servos, wire cutters, pin pullers, etc. secured to structure with screws or other hardware?	10

Sharp Edges	Are there any sharp edges or burs on any part of the cansat?	10
Exposed Mechanisms	Are any mechanisms outside the cansat or enclosure that generate heat and can be exposed to vegetation? Any large openings that can allow vegetation to penetrate and be exposed to heat?	20
Container solid	Is the container solid with no openings except for switch access?	20
Container colored?	Is the container colored fluorescent pink, yellow, red or orange?	20
Payload fits in the payload section.	Does the cansat fit into the rocket and moves freely?	Pass/Fail
Payload and container labeled	Is contact information placed on the container and payload?	10
Payload can be released.	Does payload get released by tether for two meters.	50
Batteries not Li-Polymer	Are batteries li-Polymer. If so, fail.	Pass/Fail
Audio beacon on payload	Does audio beacon work on payload and meet the minimum SPL requirement.	10
Team operations		
Mission Operations Manual	Does the MOM exist and does it include the required information?	20
Crew Assignment	Have team members been assigned duties? Who is the Mission Control Officer?	10