

Team Number:	Judges Names:	
Start Time:		Result
Ground Station Checks		
Power switch and indicator	Is there an accessible switch and an indication that power has been turned on?	30
Telemetry at 1 Hz	Are sensors sampled at a 1 Hz rate.	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 the 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 it be placed on the 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
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 burrs on any part of the cansat?	10

Exposed Mechanisms	Are there 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
Payload fits in the payload section.	Does the cansat fit into the rocket and move freely?	Pass/Fail
Payload labeled	Is contact information placed on the payload?	10
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
Aerobraking structure deploys	Does the aerobraking structure deploy when commanded?	50
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