

## Post Flight Review Presentation

The Post Flight Review slide format is up to you. You can get creative. You must include the required information listed below. The presentation must be kept at 15 minutes.

For the flight data analysis, event correlations should be identified in the data plots.

<b>Introduction</b>	<b>Expectations</b>
Presentation outline	Outline of presentation
Team organization	
<b>Systems Overview</b>	
Payload Design Description	Team shows design of payload. Identifies major components: electrical and mechanical. Explains how payload operates.
Container Design Description	Team shows design of container. Identifies major components. Explains how container works.
<b>Concept of Operations and Sequence of Events</b>	
Comparison of planned and actual Conops	Team shows how planned CONOPS and actual implementation CONOPS compares.
Comparison of planned and actual SOE	Compare planned sequence of events with how events occurred in the field.
<b>Flight Data Analysis (data can be from telemetry or from on-board storage)</b>	
Payload altitude plot	Show plot of altitude based on pressure sensor
Aerobreaking at 10 to 30 m/s	Show slope.
Parachute release at 100 m	Show point of release
Parachute descent rate < 5 m/s	Show slope.
Payload temperature sensor plot	Show temperature sensor data

Payload battery voltage plot	Show battery voltage plot. Must be from the battery, not after the voltage regulator.
Payload accelerometer plots	Show Container altitude plot over the time of mission.
Payload GPS position plot	Show 3D plot of GPS position data.
Payload rotation plots	Show rotation plot of Cansat.
Payload Camera Video	Video presentation
Bonus Container Camera Video	Video presentation
<b>Failure Analysis</b>	
Identification of failures, root causes, corrective actions	Teams explains what they screwed up and what broke.
<b>Lessons Learned</b>	
Discussion of what worked and what didn't	Self explanatory
Conclusions	