

Post Flight Review Outline

The format of the slides is up to you. You must include the content shown below. Included is a sample score sheet that shows all required content..

Introduction	Expectations	
Presentation outline	Outline of presentation	
Team organization		
Systems Overview		
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.	
Concept of Operations and Sequence of Events		
Comparison of planned and actual Con-Ops	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.	
Flight Data Analysis		
Container separation altitude	Team shows altitude where payload released from container. Can be shown in altitude plot	
Payload pressure sensor data plot	Show plot of pressure sensor	
Payload altitude plot	Show plot of altitude based on pressure sensor	
Payload temperature sensor plot	Show temperature sensor data	
Payload GPS plot	Show 3D plot of GPS position	
Payload battery power plot	Show battery voltage plot. Must be from the battery, not after the voltage regulator.	
Tilt Sensor plot	Show plots of roll and pitch	
Auto-gyro blade spin rate plot	Show plot over duration of descent.	
Camera Video	Video presentation	
Failure Analysis		
Identification of failures, root causes, corrective actions	Teams explains what they screwed up and what broke.	
Lessons Learned		
Discussion of what worked and what didn't	Self explanatory	

Conclusions