

Hawaii-Windward CDR Reviewer Comments/Questions

- Aloha!
- We would have liked to see a few more points of data on the flight of the vehicle. (Velocity when the vehicle leaves the rail, Thrust-to-weight ratio, Max velocity, velocity upon landing, descent rate under drogue, etc.)
- In the FRR, be sure to outline the philosophy behind the “drag shoes”
- What attaches the upper end of the drag shoe.
- How does the team know that there will be no pressure forces on the bottom of the shoes which actually might push the brake shoe up.
- What is the sampling rate of the payload? Will data only be recorded on the way down, or will data be recorded throughout the entire flight?
- Think about using two separate charge cups for the main parachute and also the drogue for complete redundancy.
- Be sure to include the design of the launch pad in the FRR.
- Be sure to include details on the educational outreach projects.