

Micro-g NExT Proposal 2018-0007
Institution: Embry-Riddle Aeronautical University

Proposal Feedback

Provided are comments and questions posed by the proposal review committee. Please review this information as you proceed to the building phase of this project. The comments and questions are specific to your team's proposal.

Design Description Comments:

1. This design mimics existing ice coring drills (including dogs, etc) which lends high heritage to the design
2. Consider and test your waterproofing plan thoroughly. Simple sprays may not fully waterproof the device
3. Needs some additional descriptive figures, such as the operations plan.
4. Waterproofing may be an issue. Slush may escape from the container - a sealing cap may be required.
5. Nice work in pre-testing and prepping the design.

Operations Plan Comments:

Safety Comments:

General Comments:

1. Consider adding more description of your specific design into the abstract to provide a true summary.
2. Put your school addresses at the front page. Nice consideration of extraterrestrial moons.

Outreach Plan Comments

1. The plans at the K-12 level have the promise of fun activities that can spark the imagination.
2. The activities at K-12 levels seem somewhat supplemental and not a direct tie in to the subjects students are studying in school. Also, the public/university outreach seems not as well thought out.