

High-Powered Rockets and Circumnavigation with SEDS

Students for the Exploration and Development of Space

SEDS is a student run club here at Tech that continues to push into space technology and development. Over the last year, the club has worked to finish our first payload rocket, with entire redundancy on our back-up separation charges, and a shock-proof system of rocket separation and payload deployment. We will describe our work on this rocket. In addition, the club has been working on designing a High Altitude Balloon for circumnavigation. We will also talk about some of the expected problems for a project of this scale and some of the solutions we have decided to look into.