

Description of Research Project

The overall goal of the Libertas mission, is to provide a hands-on, student-led flight project experience for University of Virginia undergraduate students by designing, developing, integrating, testing and flying a 1U CubeSat. Also, we will obtain measurements of the orbital decay, and work with other universities with similar data to develop a database of atmospheric drag and the variability of atmospheric properties.

The Experimental License requested, is necessary to authorize radio transmission of data between the Libertas satellite and the ground station at the University of Virginia campus.