



EFFECT OF HIGH ENERGY PARTICLES AND NEUTRONS ON MATERIALS USED FOR ELECTRONIC PROTECTION



SCHOOL: THE CHARTER SCHOOL OF WILMINGTON

LOCATION: WILMINGTON, DE

FLIGHT PROVIDER: AEROSTAR

GRADES: HIGH SCHOOL

STUDENT EXPERIMENT DESCRIPTION

In this experiment, we aim to do an in-depth analysis of the physics of various materials and their ability to protect vital components from radiation while also maintaining structural integrity. We will send up three samples of different material types. This experiment will allow us to gain a multifaceted understanding of the effect of radiation on different materials.