



EXAMINING IMAGING TECHNIQUES INTERFERENCE THROUGH PARTICULATE MATTER



SCHOOL: WESTMINSTER HIGH SCHOOL

LOCATION: WESTMINSTER, CA

FLIGHT PROVIDER: ASTROBOTIC

GRADES: HIGH SCHOOL

STUDENT EXPERIMENT DESCRIPTION

Our experiment tests the interplay between the effects of particulate matter on imaging techniques. We believe that particulate matter will disrupt the accuracy and quality within imaging techniques, and cause it to less accurately measure depth, as well as inaccurately capture a terrain. Our inspiration for our experiment was to examine and potentially identify a way to improve the quality, as well as resolution, of current imaging methodologies when in the presence of particulate matter.