





PROJECT HELIOS



_____		SCHOOL: DURANGO HIGH SCHOOL
_____		LOCATION: LAS VEGAS, NV
_____		FLIGHT PROVIDER: ASTROBOTIC
_____		GRADES: HIGH SCHOOL

STUDENT EXPERIMENT DESCRIPTION

Our experiment uses multispectral imagery to provide a more complete understanding of the objects on the ground and allow for the discovery of objects in a manner necessary to obtain an accurate map for the landing profile. We will be able to use sensors utilizing multispectral imaging and LiDAR to effectively map out the “lunar surface”. Our inspiration was the desire to detect any rocks or geological obstructions that may pose a hazard in vehicle landings similar to the rocket-powered lander.