



HOVERING HORNETS LANDER PROJECT



-  **SCHOOL:** BANGOR HIGH SCHOOL
-  **LOCATION:** BANGOR, ME
-  **FLIGHT PROVIDER:** ASTROBOTIC
-  **GRADES:** HIGH SCHOOL

STUDENT EXPERIMENT DESCRIPTION

Our experiment uses LiDAR and thermal cameras to survey the lunar surface proving ground. This information will be used to determine safe landing locations for the rocket-powered lander. If our experiment is able to use components such as the LIDAR, then it should be able to detect the ground and land safely. The inspiration came from the idea of seeing a lander taking pictures of the ground of Mars and being able to bring that lander back so we could see the raw images.