



THE EFFECTS OF EXOATMOSPHERIC UV RADIATION AND LIGHT INTENSITY ON EXTRAVEHICULAR ACTIVITIES



SCHOOL: MEMORIAL PARK MIDDLE SCHOOL

LOCATION: FORT WAYNE, IN

FLIGHT PROVIDER: AEROSTAR

GRADES: MIDDLE SCHOOL

STUDENT EXPERIMENT DESCRIPTION

Are astronauts in danger of excessive amounts of UV radiation during Extravehicular Activities without the protection of the Earth's atmosphere? Our experiment sets out to measure the amount of UV radiation astronauts might be susceptible to during EVAs while also seeing what amount of radiation might be reflected off the earth's atmosphere towards the astronauts.