



SOLAR ELECTRIC IN THE STRATOSPHERE



SCHOOL: ST. PAUL OF THE CROSS

LOCATION: PARK RIDGE, IL

FLIGHT PROVIDER: WORLD VIEW

GRADES: MIDDLE SCHOOL

STUDENT EXPERIMENT DESCRIPTION

Five girls from St. Paul of the Cross formed the Illinois Icons to create an experiment that would measure the amount of light, UV light, and amount of power from solar panels that could be collected in the upper stratosphere to use as a possible floating electric source to generate electricity. A solar panel, Light sensor, UV light sensor, and volt meter will provide data to see if there is more power collected in the upper stratosphere as opposed to the lower troposphere.