



## THE BROS MODULE



**SCHOOL:** EPHRATA MIDDLE SCHOOL

**LOCATION:** EPHRATA, PA

**FLIGHT PROVIDER:** AEROSTAR

**GRADES:** MIDDLE SCHOOL

### STUDENT EXPERIMENT DESCRIPTION

Our experiment aims to measure the UV and thermal radiation level changes that occur during the high-altitude balloons 70,000 foot ascent and float time. Thermal imaging will be used to measure thermal radiation as the balloon's goes through the atmosphere. The goal is to show the importance of the ozone layer to planet Earth. An Ozone Gas sensor will be used to measure the amount of gas in the ozone layer and compare findings to previous ozone measurements