



## AUTOPILOTED RETURN PARAGLIDER FOR SCIENTIFIC BALLOONING MISSIONS



**SCHOOL:** GILMER COUNTY HIGH SCHOOL

**LOCATION:** GLENVILLE, WV

**FLIGHT PROVIDER:** WORLD VIEW

**GRADES:** MIDDLE SCHOOL

### STUDENT EXPERIMENT DESCRIPTION

We are measuring different atmospheric gases and seeing how those relate to global warming patterns. We are using ozone, CO<sub>2</sub>, and methane sensors to record this data. We hypothesize we will find an increase in greenhouse gas emissions by comparing data we will collect during our flight to previously recorded gas emission data. We were interested in solving problems related to climate change, changing our experiment goal to find correlations related to climate change and atmospheric gasses.