



## A BREATH OF FRESH WATER: COLLECTING CONDENSATION FROM THE STRATOSPHERE FOR SUSTAINABLE USE



**SCHOOL:** GEORGE WASHINGTON HIGH SCHOOL

**LOCATION:** MANGILAO, GU

**FLIGHT PROVIDER:** WORLD VIEW

**GRADES:** HIGH SCHOOL

### STUDENT EXPERIMENT DESCRIPTION

Our experiment is to collect condensation in the stratosphere and we want to learn if it is a viable water supplement. During flight, we believe very little condensation will be collected. We hypothesize that this will not be an alternative water supply. After discovering that many regions across Africa, South Asia, and South America struggle with limited access to clean, sustainable water, we were driven to identify alternative water sources to support these water-scarce communities.