



STRATOSPHERE SERENADE



SCHOOL: ARAGON HIGH SCHOOL

LOCATION: SAN MATEO, CA

FLIGHT PROVIDER: WORLD VIEW

GRADES: HIGH SCHOOL

STUDENT EXPERIMENT DESCRIPTION

Our experiment uses the tone of an instrument string to measure the changes in tension over different atmospheric conditions. As altitude increases, the tone will become a sharper tone, and the rate of change will also increase. Several our team members play musical instruments. We noticed how a violin string changes in varying temperature. We were inspired to study the relationship between string tension and altitude.