



SURFIN' SOUND WAVES



SCHOOL: HILTON HEAD CHRISTIAN ACADEMY

LOCATION: BLUFFTON, SC

FLIGHT PROVIDER: WORLD VIEW

GRADES: MIDDLE & HIGH SCHOOL

STUDENT EXPERIMENT DESCRIPTION

We want to learn how sound waves travel through the atmosphere at different altitudes and air pressures. Our hypothesis is, if our experiment travels from the ground/sea level to 70,000 feet, then the sound waves will travel slower as it increases in altitude and decreases in air pressure density. Our team proposes this idea because it will help us gain a deeper understanding of how sound waves travel through different layers in the atmosphere.