



PROTECTING PEOPLE AND PLANES- WHAT FILTER IS BEST TO BLOCK UVA RADIATION AT HIGH ALTITUDES?



SCHOOL: SUMMIT RIDGE MIDDLE SCHOOL

LOCATION: LITTLETON, CO

FLIGHT PROVIDER: WORLD VIEW

GRADES: MIDDLE SCHOOL

STUDENT EXPERIMENT DESCRIPTION

Our experiment will show different factors of UV radiation as a person reaches different altitudes in flight. In this experiment, we will test which UV filters protect the best at 70,000 feet. We are targeting a few different people and potential future aspects such as pilots and passengers on planes or even what future flights could possibly be. Also, to protect astronauts for future missions against UV radiation in space.