



RADIATION PROTECTION



SCHOOL: UNITY CHRISTIAN ACADEMY

LOCATION: SOUTH HOLLAND, IL

FLIGHT PROVIDER: AEROSTAR

GRADES: HIGH SCHOOL

STUDENT EXPERIMENT DESCRIPTION

Our experiment tests the amount of radiation in the atmosphere to see how much pilots and flight attendants are exposed to. These people are considered radiation workers by OSHA but are not required to have the same radiation protection. Therefore, our experiment will include 3 Geiger counters to test the radiation levels in the atmosphere-- one normal, one coated in fabric, and one coated in fabric and lead shielding. We hope to see whether pilots and flight attendants are safe.