



# Colorado Science and Engineering Fair

## 2024 Individual Project Abstract Form

**Please print 2 copies of the completed form. Sign both copies, keep 1 for your notebook and submit 1 copy to your Regional Fair Director with your other paperwork.**

Title of Project: A Safer Landing

Finalist's Name: MaKenna A. McCoy

School and City: Alta vista charter school, Lamar

Sponsor's Name: Marah brase

Category: Physics & Astronomy (PHYS)

Division: Junior (6th - 8th grades)

Abstract (250 words or less):

I wanted to do this project to help skydiving companies and the military. It will help by telling them what fabric would do the best for a pershute. The results ended up as having the polyblend as the best fabric for a parachute. These results help skydiving companies and the military because it will help them scientifically to help figure out what fabric is best for a parachute, preventing injuries or death. My hypothesis was that the silk will do best. I made my own small scale parachutes, using different fabrics. I dropped them with a doll attached from the Pike tower, recording how long they took to drop.this project madders because it help lots of people, like military, skydiving companies, and anyone who wants to skydive.

*I hereby certify that the above statements are correct and the information provided in the Abstract is the result of one year's research. I also attest that the above properly reflects my own work.*

Finalist's Signature:

Date:

In addition, all students must complete the ISEF Student Checklist (1A), Research Plan, Approval Form (1B), and Checklist for Adult Sponsor (1), and any other ISEF forms required for this type of project. See the International Rules and Guidelines for form requirements. Return COPIES o all of these forms to your Regional Fair Director with you Finalist Verification/Permission Form. A signed copy of this form must be included in your notebook.