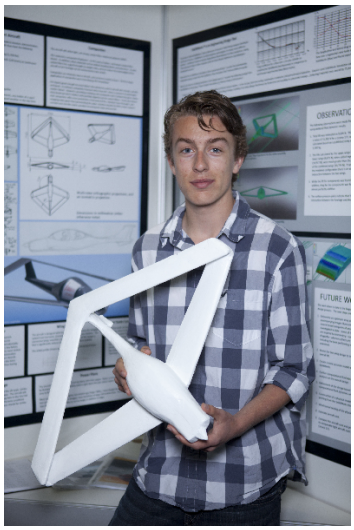
ESPC 2013 - Lethbridge (Alberta)



Cove McConnell

Advanced Recreational Aircraft Design

Défi: Innovation
Catégorie: Junior
Région: Frontenac, Lennox & Addington
Ville: Kingston, ON
École: Calvin Park P.S.
Sommaire: The objective of this project was to design a novel, innovative, light recreational aircraft that is environmentally friendly and cost effective. Initial stages completed to date include conceptual sketching and computational fluid dynamics in SolidWorks. Next steps are to optimize aircraft configuration.

Biographie

I am a grade 8 student in the Challenge program at Calvin Park Public School. I play basketball, I sprint, and I cycle. I like drawing and drama. I have won awards in art, history, and science. I love politics and the environment. If there is one thing that stands out about me it is my love of flying. I have flown with an instructor, and intend to get a pilot's license when I'm old enough. My previous projects examined narrow areas of flight. Now I am crafting my own overall airplane designs. My advice to other students thinking about participating in science fair is this: don't be afraid to take chances, think big, and find a good mentor. My plans for post secondary education are to go to university and study aeronautical engineering and aircraft design. "For once you have tasted flight, you will forever walk with your eyes turned skyward, for there you have been, and there you will long to return", Leonardo da Vinci.