

# CWSF 2007 - Truro, Nova Scotia



## Lucas D'Albertanson

### Need a Lift?

**Division:** International / None

**Category:** Junior

**Region:** Frontenac, Lennox & Addington

**City:** Inverary, ON

**School:** Calvin Park P.S.

**Abstract:** My project is about airfoils and the amount of lift and drag they create. I designed and built a wind tunnel to perform my experiment. Airfoils produce different amounts of lift and drag depending on their shape, airspeed and incidence. the wind tunnel has two scales that measure the amount of lift and drag that each airfoil produces, and a third scale to indicate airspeed.

### Biography

My name is Lucas D'Albertanson I am thirteen years old and I live in Kingston, Ontario. I am in grade seven at Calvin Park Public School Challenge Program. I enjoy sports and remote control airplanes, I also like to read and build objects out of wood and metal. I enjoy playing the guitar. I want to be an engineer or an architect when I grow up. I have not participated in a science fair before.

### Awards

### Value

The University of Western Ontario Scholarship Silver Medallist - \$1500 Entrance Scholarship Sponsor: University of Western Ontario	\$1 500
Silver Medal - Physical & Mathematical Sciences - Junior Sponsor: Encana Corporation	\$700
Total	\$2 200