

## CWSF 2007 - Truro, Nova Scotia



### Ashley Miller, Rashni Augustine

#### Hexa Lifter

**Division:** Engineering & Computing Sciences / Automotive

**Category:** Intermediate

**Region:** Kiwanis Southeast Alberta

**City:** Dunmore, AB, Medicine Hat, AB

**School:** Cornerstone Christian School

**Abstract:** This project demonstrates the possibility of using the Biefeld-Brown Effect in developing alternative technology to overcome the various problems associated with modern aircraft design and propulsion. Hexa Lifter and Tri Lifter models were built and tested. Benefits and factors that may affect practical implementation of this technology are discussed.

#### Biographies

Ashley - Hi, my name is Ashley Miller. I go to Cornerstone Christian School and I am in Grade 9. I played volleyball and basketball on my schools sports team. My hobbies and interests are playing the bass guitar, volleyball, basketball, and lacrosse, and watching hockey. Though I have certain interests, I do not have a definite career plan at this time. I would love to travel and have always dreamed of doing that. I have participated in the Kiwanis Regional Science Fair here in Medicine Hat for two years and have won 6 awards.

Rashni - My name is Rashni Augustine. This is my second time as a finalist in CWSF. I am in Grade 9 at Cornerstone Christian School in Medicine Hat, Alberta. I love my school and I think this is the best place to grow academically and in my character. My interests include playing piano, listening to music of the 80s, badminton, fishing and reading books. I also love to collect coins, stamps and rocks. Between school work and other activities, I find time to watch "I Love Lucy" shows on DVD. As part of community activities in school, we work with the local food bank, shovel snow in the neighborhood and visit the elderly in nursing homes. I regularl...