

## CO2 Car Write Up

When the challenge of building a CO2 powered car out of balsa wood arose, one distinct design popped up in my head. The front of my design was based on the Delta Wing concept car. This car is designed to fully reduce air resistance against the wheels. The rear of the car is designed to be a similar to a jet engine. Together, the two designs were meshed together to form the AO-001. In time trials, the car posted a 1.193 second time, equalizing a 37.41 mph run. The number one thing I would have done differently would be more careful in sanding and painting the car so that it would be completely smooth.

