

# GE3K INC.



## Air Force Academy High School, Robotics Team 2011 Chicago, Illinois

Geek Inc. will travel 1510 km to the MATE International Competition in Houston, Texas  
This is Geek Inc.'s first year of competing the MATE ROV competition.  
All members of our team are new to this competition.

- CEO** George Onofre (16, soph)
- Engineers** Christopher Odor (15, fresh); Julian Martinez (16, soph); JohnPaul Nelson (15, soph); Mario Rios (16, soph); Grace Mei (16, soph); Rashaad Dinning(15, fresh), Dionte Collins (15, fresh), Christian Jackson (14, fresh), Michael Nguyen (15, soph), Jeffrey Bridges-Reed (15, soph) and Blake Kennedy (16, soph)
- Advisors** Aaron Lee, Air Force Academy High School  
Dr. Robert Friedman, Adler Planetarium

## ROV Model: **N3RD**

Our ROVs are made with care. The primary material of the N3RD is PVC.

**Cost** \$1076.75 USD

**ROV Dimensions** L: 45.7cm x W: 33cm x H: 35.6cm (Main Frame)

**Attachments** L: 20.3cm (Four-pronged spinner); L: 25.4cm (Camera Mount); L: 40.6cm (Carabineer); 111.6cm (Total ROV length with attachments)

**Weight** 8.2 KG (80.4 N)

**Safety Features** 20A Fuse, Wire-Mesh Motor Encasements, Emergency Kill Switch

**Special Features** 1) Four-Pronged Valve Spinner, 2) Carabineer U-Bolt Coupler, 3) *Velchronic* Hook Arm, 4) Water Sampling Pump, 5) Hydrodynamic Chicken Scoop, 6) Handcrafted Cap'ns Depth Gauge