

COMPANY SPECS

Company Name: The Lincoln Group, LLC

Organization/School: Gahanna Lincoln High School

Home State: Ohio

Distance Traveled: 353 miles

MATE Competition Experience:

-4 International Competitions in Ranger (2008, 2009, 2010, 2011)

-Great Lakes Regional Competition in Ranger (2011, 2012, 2013)

-1 International Competition in Explorer (2013)

-Mix of new and returning members



Members (from left to right): (top row) Aaron Glanville (Engineer/Photographer), Anthony Condo (Engineer/Planner), Sarah Ryan (CFO/Engineer/Communications), (bottom row) Nathan Alden (CEO/Programmer/Pilot), Kaleigh Alden (Safety/Engineer), (not pictured) Aaron Grgurich (Engineer), Nelson Okeke (Engineer), Elliot Reamer (Engineer)

Age/Grade Range: Grades 10-12

ROV SPECS

Name: Radical Pi

Total Cost: \$809.76 (\$521.23 for ROV, \$288.53 for controller and interface)

Primary Materials: PVC and Raspberry Pi board/controller

Dimensions: 80cm x 65cm x 36cm

Total Weight: 13.7 kg

Safety Features: Thruster shrouds, self-designed PVC water-proofed electrical connectors, tested to 3 atmospheres of pressure, temperature monitor for on-board heat monitoring

Special Features: True modularity with easily removable/interchangeable tool packages and motors, Raspberry Pi control, water-proofed electrical connectors tested to 3 atm., custom Play-Station controller, 350 degree rotatable camera, vector drive control system

