

Nautilus 2.0

Aptos High School ~ 1000 Mariner Way Aptos Ca.



Distance to Competition: 1,905 miles

Total Cost: \$1550

Dimensions: 28 cm wide, 31 cm long, 31 cm high

Weight: 9.0 kg (including tether)

Primary Materials: aluminum & close cell foam sheeting **Total Hours:** 300

Safety Features:

- Automatic shut off for pneumatics
- Motor Covers (shrouds)
- Safety Checklist
- Electronics fused individually
- One main power switch for all electronics

Special Features:

- Multi-purpose rotating claw
- Depth measurement and temperature system
- Homemade computerized easy-to-use control box
- X-box controllers
- Cameras with wide angle

Team Members:

Michael Heffner (11th grade) -

CEO/Co-pilot (4 years of experience)

Monte deCastrongrene (11th grade) - Engineering/Pilot (4 years)

Jackson Mace (12th grade) - OPS/Buoyancy (3 years)

Tanisha Babic (12th grade) - Safety Officer/Secretary (3 years)

Elliot Lovell (10th grade) - Design/Tether Management (2 years)

Victoria Carvill (11th grade) - CFO/Co-Pilot (1st year)

Krista Spurlock (11th grade) - Programmer/Deck Management (1st year)

Mentor: Norm Black

