



# ROV BUGGY

Estrella Mountain Community College  
Avondale, AZ, USA

Distance traveled: 614 miles



Cost: \$1200



Size: 73 x 55 X 40 cm



Weight: 7.7 kg



Time: 350 hours

## Special Features

Multiple digital cameras  
3D-printed pneumatic manipulator  
4-thruster propulsion system  
Custom-designed PVC frame

## THINK SAFETY

Waterproof connectors  
Tether equipped with master fuse  
Strain relief on ROV and control box sides  
Shrouded thrusters  
Pneumatic shut off valve and regulator

## Ambitious Axolotls

The Ambitious Axolotls represent **Estrella Mountain Community College** in Avondale, AZ. We have traveled 614 miles, as the crow flies, to take part in the MATE ROV competition. This is our first year participating in the competition.



**Jeff Miller**  
Mentor



**Tony Mannarelli**  
CEO  
Frame  
Electronics  
Propulsion



**Shayla Lee**  
CIO  
Logistics  
Testing



**Steven Dotts**  
Electronics  
Propulsion  
Pilot  
Vertical Profiler



**Brennan Mai**  
Frame  
Electronics  
Propulsion  
Manipulator



**Peter Khiev**  
Logistics  
Frame  
Propulsion



**Daniel Barragan**  
Electronics



**Maurilio Padilla**  
Frame  
Electronics  
Propulsion



**Roman Flores-Molina**  
Frame  
Electronics  
Manipulator



**Eric Smith**  
Frame  
Electronics  
Manipulator