



AQUABOT TECHNICIANS

Foy H. Moody High School
Corpus Christi, TX, United States
Company ID: 0211A
Company Spec Sheet

COMPANY SPECS



Team Stats

- 2 Years competing in MATE
- Distance Traveled: 211 miles

Competition History

- Texas, Regionals 2025
- Michigan, World Championship 2025
- Texas, Regionals 2026
- Canada, World Championship 2026

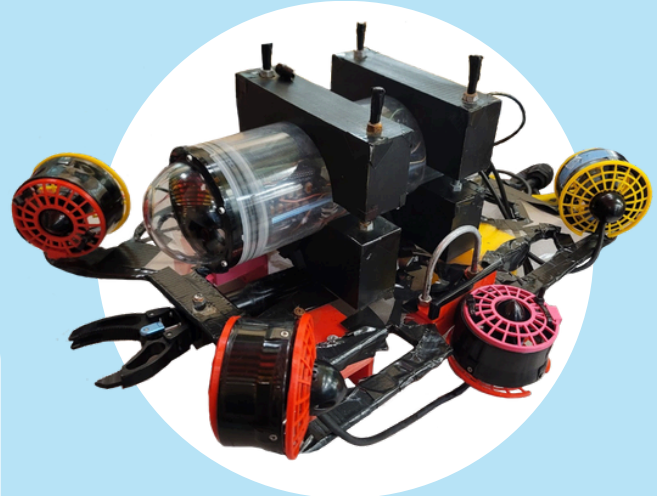
Safety Features

- Protective plastic shrouds on all thrusters prevent harm to marine life and users.
- All wiring and control components are clearly labeled.
- All sharp edges have been smoothed for safety.

Special Features

- Flat ROV design improves mobility and maneuverability.
- The claw functions as an actuator for handling objects.
- A cable sleeve provides organized cable management.

NAME	ROLE	CLASS
Zane Hosey	CEO	'26
Jonathan Lorado	CTO	'26
Julia Perales	COO	'26
Sebastian Miranda	Pilot	'26
Carmandy Ortiz	Project Manager	'26
Robert Garcia	Safety Lead	'26
Andrew Sanchez	Safety Assistant	'26
Jacob Gutierrez	Mechanical Engineer	'26
Yurem Balboa	Mechanical Engineer	'26
Mason Martinez	Intern	'27



ROV Name

Hammerhead

Total Cost

\$3084 USD

Size and Weight Measurements

15lbs (6.80 kg)

24 x 16 x 12 inches

Total Student Hours (Design & Build)

Design ~10 hours

Build ~200 hours

ROV SPECS

COMPANY SPEC SHEET