

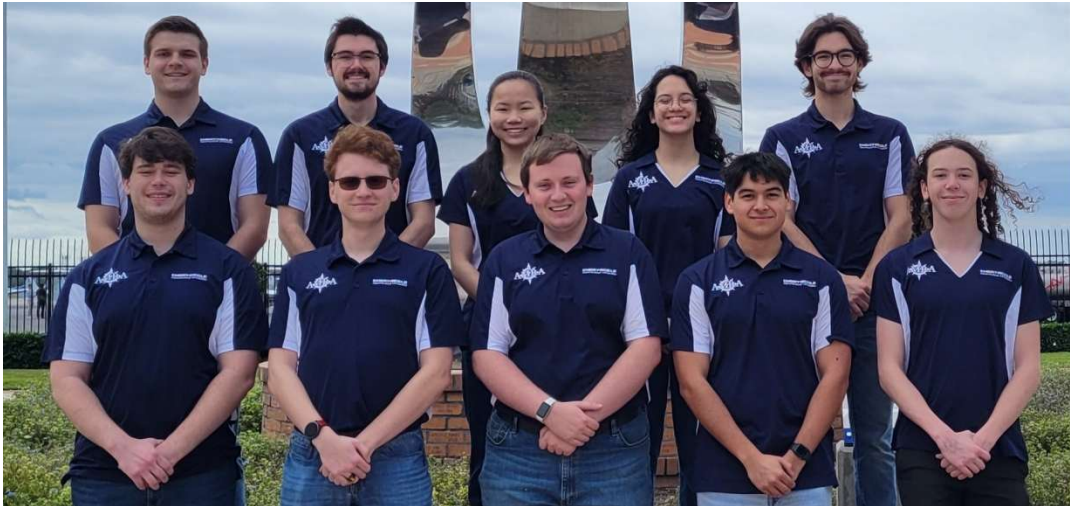
--- Company Specification Sheet ---

## Wave Co.

Embry-Riddle Aeronautical University – Daytona Beach, Florida, USA

**Company Specs:** A team member drove our ROV approximately 1,420 miles from Daytona Beach to Alpena. Other team members flew or drove various distances to the competition, coming from as far as Houston, 1,550 miles of flying and driving to Alpena.

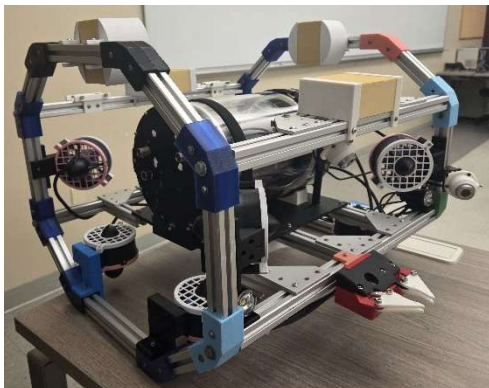
This is the company's second year at MateROV, and its second year in Pioneer Class, having competed in the 2024 World Championship. Our current team is comprised of freshmen, juniors, and seniors, but the organization is open to all students at Embry-Riddle.



From left to right: [Top Row] Justin Yocum (Safety Officer/Mechanical Lead), Garrett Lynn (Team Member), Madison Warner\* (Team Member), Gabriella Anguiano\* (Team Member), Robert Thibodeau (Team Member) [Bottom Row] Braden Ballard\* (Electrical Lead), Mark Thompson (CEO), John "Jack" Mcswiggin (Pilot), Nicolas Chamberlain (Team Member), Bethany Wyman\* (Team Member)

Not Pictured: Sirio Jansen-Sanchez (Software Lead), Garrison Ottolini (Team Member)

\*New members for this year's competition



### ROV Specs:

**Name** – MAKO (Modular Aquatic Knowledge Obtaining Unit)

**Total Cost** – \$13,998.39

**Size** – 24" x 21.5" x 18"

**Weight** – 46.1 lb

**Total Student-hours to Design and Build** – 2,400 hours

**Safety Features** – Thruster guards, emergency stop switch, and a pool-side arm/disarm switch

**Special Features** – Metal exoskeleton, modular frame mounting system, modular electronics mounting tray, multi-cam viewing, real-time leak and orientation monitoring