



### Company Specs:

Joshua Thiel: Sophomore, Head of Mechanical Engineering, Pilot, CEO

Anthony King: Sophomore, Electrical Engineer, Head of Marketing

Elisabeth Presley: Sophomore, Head of Software Engineering, Co-Pilot, Head of Documentation

Luke Jennelle: Sophomore, Software Engineer

Kevin Brooks: Sophomore, Mechanical Engineer

2023 marks the second year that Southwest Virginia Community College Robotics has competed in the MATE ROV World Championship. To reach the competition site, the team will travel approximately 1,442.9 miles (2322.122 km) from Cedar Bluff, VA to Longmont, CO.

### ROV Specs:

Name: Talon

Total Cost: \$1,214.81

Dimensions: 60.96 cm. x 43.18 cm. x 45.72 cm.

Weight: 12.383 kg

Total Student Hours: 583

Safety features: Tether Strain Relief, Thruster Shrouds, Air Pressure Regulators

Special features: Buoyancy System, Custom Designed Gripper System

