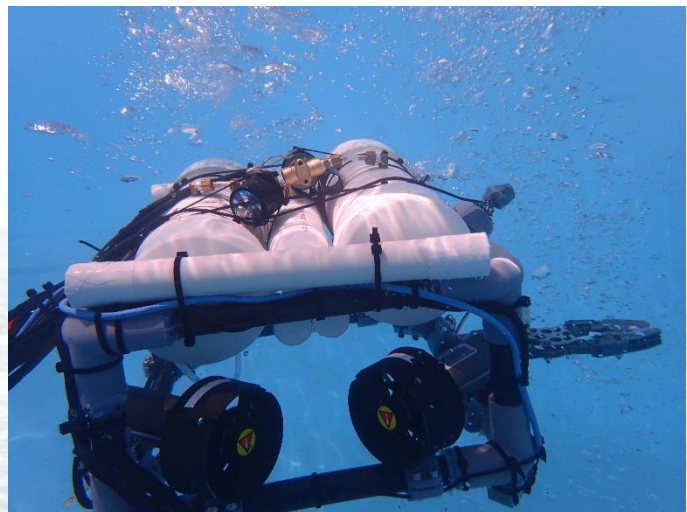


Dickinson Gators Engineering, Inc.

Dickinson High School's Dickinson Gators Engineering, Inc. robotics team proudly presents the 2021 Maximus ROV (Remotely Operated Vehicle). We are a returning team of 8 high-school students from Dickinson, Texas, USA and have traveled 1658 km from home to attend the 2021 International MATE Competition.

ROV Specifications		Safety Features:	Special Features:
Height:	21.59cm	➤ Rounded edges	➤ Recycled carbon frame
Width:	43.18cm	➤ Caution labels on all moving parts	➤ Customized 3D printed parts
Length:	38.10cm	➤ Shrouded thrusters	➤ Modular design
Weight:	11.50kg	➤ 25A fuse within 30.0cm of the positive terminal of power supply	➤ 360° thruster rotation
Total Cost:	\$5,469 USD	➤ 40 PSI pressure regulator	➤ Lightweight tether
Total Hours:	535 Student Hours		➤ HD camera with 360° viewing capability



Employee Name:	Role/ Responsibility	Grade	Career Goal	New/ Returning
Natalie Rodriguez	Chief Executive Officer	11	Aerospace Engineer	New
Haley Craton	Chief Operations Officer	12	Architecture	New
Bri'Ana Goodwin	Chief Technology Officer	11	Software Engineer	New
Riley Leblanc	Chief Compliance Officer / Mechanical Lead / Pilot	11	Business, Management	New
Hector Arciniega	Engineer	11	Designer Drafter	New
Kyle Nixon	Engineer	12	Mechanical Engineer	New
Jorge Trevino	Engineer	11	Computer Engineer	New
Matthew Uristegui	Engineer	11	Mechanical Engineer	New