



Robot Challenge

31 July 2020

USSOCOM, in partnership with SOFWERX and the Advanced Manufacturing & Robotics Center (AMRoC), conducted a Robot Prize Challenge. Open to all high school and middle school teams, the challenge consisted of two phases with a total award and prize money of almost \$70,000. Robots were judged on the following criteria:

- Ability to detect a person near or in an engagement area
- Ability to autonomously retrieve a coffee mug from a nearby storage box
- Deliver a coffee mug to a person in the engagement area
- Design, fabrication, presentation, and aesthetics

Event Outcomes

- 8 schools in Florida participated, many of them local to Tampa Bay.
- Students learned how to use different types of equipment and new programs while also learning how to cooperate and communicate over long distances.

Challenge Winners

- 1st Place – Team Trinity Dragons
- 2nd Place – D&R Robotics, Apollo Beach
- 3rd Place – McLane Middle School Vibots
- 4th Place – Tampa Bay Technological Alliance/Largo High School