Triton Technologies Specifications Sheet 2012:

Palos Verdes Institute of Technology
2012 Ranger Team: Palos Verdes High School, California
Distance to Orlando, Florida: 4067 km

History of MATE ROV competition participation:
2010 2nd place Southern California Fly Off Ranger Class
2011 1st place Southern California Fly Off Ranger Class
2011 21st place International MATE Competition Ranger Class
2011 Harry Bohm and Jill Zande Sharkpedo Award Ranger Class
2012 1st place Southern California Fly Off Ranger Class

Team Members:

(Team Members Image)

Triton Technologies Team 2012
Photo by Ashley Overbeek
(Back row, left to right) Michael Konrad - class of (c/o) 2013, 2nd year CFO & pilot;

Dennis Smalling-c/o 2015, 1st year Assistant Parts Fabricator; Scott MacDonald-c/o 2013, 2nd year Lead Parts Fabricator; Anthony Bacalja-c/o 2013, 3rd year Lead Payload Designer; Mark Caropino-c/o 2015, 1st year Assistant Payload Engineer. (Front row, left to right) Keith Kreiner-c/o 2013, 3rd year CEO and Pilot; Ryland Dreibelbis-c/o 2013, 1st year Software Engineer; Stevie Lillington-c/o 2013, 1st year Navigational Engineer; JJ Kuwata-c/o 2013, 3rd year COO & Chief Engineer.

Typhoon Specifications:
Total Cost: $3800 = $2800 purchased (fundraised) + $1000 donated parts
Primary Materials: Polypropylene, Lexan, acrylic, and aluminum
Dimensions: 46 cm length X 54 cm width X 35 cm height
Total weight in air: 8 kg
Safety features: 25 amp fuse, kort nozzle propeller guards, Kevlar jacketed tether, interwoven wire mesh “Chinese finger trap,” waterproofing
Special features: PlayStation 2 controller, Arduino microprocessors, polypropylene frame, high capacity SeaBotix thrusters, servo controlled

(Typhoon Image)

Typhoon, photo credit: Liz Bacalja