

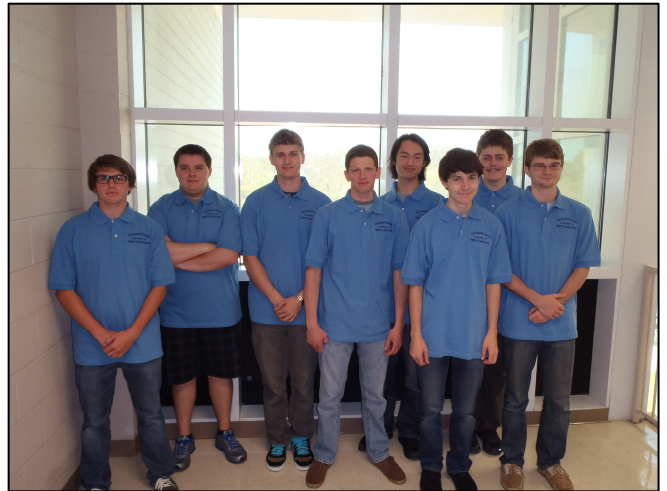
First Descent Solutions a division of First Flight ROV

First Flight High School, Kill Devil Hills, NC, 2487 miles from Federal Way

"We hail from Kill Devil Hills, North Carolina; the location of Orville and Wilbur Wright's first historic flight. They took the world to new heights; at FDS, we take ROVs to new depths."

Staff Information (left to right) all new members

Danny Martin – OSHA Officer, Senior
Stevens Institute, Fall 2013
Ashton Harrell – CEO, Senior
Wake Forest University, Fall 2013
Scott Blankenburg – ROV Testing, Senior
College of the Albemarle, Fall 2013
David Cubler – ROV Operations, Senior
UNC-Chapel Hill, Fall 2013
Calvin Schmidt – Public Relations, Senior
NCSU, Fall 2013
Matt Thibodeau – Engineering, Sophomore
Matt Gray – Engineering, Sophomore
Adam Fish – CFO, Senior
UNC-Chapel Hill, Fall 2013



At First Descent Solutions (FDS), we stand by our reputation as a former Ranger Class International Award Winner and our continued success.

- 2011 International Competition overall 4th place finish
- **2010 International Competition overall 1st place finish**
- 2010 International Competition Engineering Award
- 2009 International Competition 6th place finish
- 2009 International Competition Design Award
- 2008 International Competition 6th place finish
- 2008 International Competition Design Award
- 2008 Top Engineer Award
- 2008 – 2011, 2103, 5 time regional competition 1st places

ROV FDS 2013

- Primary construction – PVC and PVC fittings
- 6 bilge pump thrusters shrouded and contained within vehicle for safety purposes
- Specialized manipulator and CTA tool for retrieval
- Four cameras split into one monitor
- Approximately 52 cm x 43 cm x 54 cm and 17 kg
- Total vehicle cost including donations and reused parts: **\$4018.87**

