

Small Steps Lander

A.K.A "Board Games Onboard (B.O.B.)", 3/15/2013

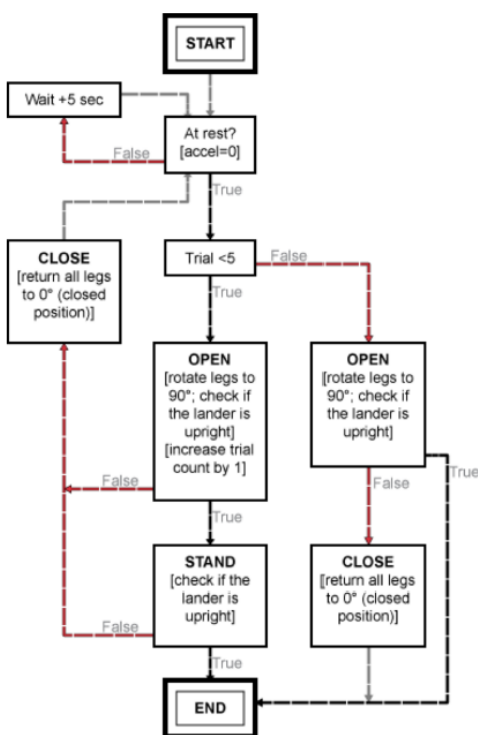
"Space With Warning: *Carlene Goodbody, Andrew Boyer*"

Problem Definition

- Development of small steps Lander for NASA team at Clark.
- Schematics to Workable Product
- 1/12/2013 – Begin Designing
- 5/17/2013 – Rocket Launch

Solution Specifications

Software Flow Chart



- Overo Water Com
- ADXL345 Accelerometer
- LG4200 3 axis gyro
- Custom PCB-board
- The small steps Lander is a self righting Lander.

Competitive Analysis

- Indeterminable until the competition is completed.

Potential Applications

- Winning NASA competition.
- Suborbital space vehicles.
- Scholarship Grants
- Extra terrestrial exploration

Future Improvement Ideas

- Implant the parts to build a robot.

