**University of Florida**

**Department of Electrical Engineering**

**EEL 5666**

**Intelligent Machines Design Laboratory**

**Weekly Report 10**

**Summary**

Prior documentation and almost all final design work has been integrated into the second report.

The sonar is now working, though not fully integrated into the robot. Testing revealed that the D11S can operate off the battery voltage and that the buzzer will work as a simple on/off switch.

A 10ft x 6ft inflatable pool and electric pump were purchased for demo day and initial testing though the final videos will be produced in a full size pool.

Pitch control fabrication, and finalizing and building the wing will be the primary objectives in the upcoming week.