Easel 5000

Week 7 Report

March 17, 2006

Seth Novoson
**Work Completed**

**Parts Order Re-submit**

Due to an error, our order for a necessary additional part was not filed and thus was not submitted on February 24th as thought. This week AIR Inc. was contacted again, and a new quote was generated. The parts order was filed this week and we expect that our component will arrive next week.

**LED System**

A new aluminum shell was found in the supply room and was thought to be able to house the new PCB board design in a protective casing. After comparing scale images of the PCB board created by Ali and Justin, it was determined that the board will be able to fit inside the new housing. Several methods for joining the new LED housing to the frame were explored.

**Future Work**

Next week will involve the machining of additional pieces of aluminum extrusion to further stabilize the new extension arms. The LED housing will be cut to length, and the fastening system to the table will be implemented. It is also possible that new extrusion arms will be machined to use an angular design that may help resist motion.
Project Review

The error in ordering has put testing behind somewhat, however, the group has taken the appropriate steps to correct the error. Besides waiting on the afore mentioned components, the design functions as it should, and when the new parts arrive, we are ready to implement our design changes.

Hours

6 Hours