

Standards/Patents

Standards

A standard search was done on the Internet. Places to purchase standards were found, but there were no free standards listings found. As of right now, standards have not been purchased for this project.

Patents

Using a patent research tool linked to the Bradley University Cullom Davis Library website the following patents have similarities to this project.

- 6,463,366 Attitude determination and alignment using electro-optical sensors and global navigation satellites
- 6,417,802 Integrated inertial/GPS navigation system
- 6,292,750 Vehicle positioning method and system thereof

All of the above patents have to do with a system integrating a GPS receiver and an inertial measurement unit. For these systems the GPS acts to initialize and keep the IMU within error specs by resetting the system. This project does not depend on the error compensation abilities of the GPS systems. As of right now, there are no patents directly applicable to this project.