**WEEKLY PROGRESS REPORT**

**Sightline Capstone Project**

**Week 1**

**12 January 2019**

**Tai:**

**Kimball:**

**This Week:**

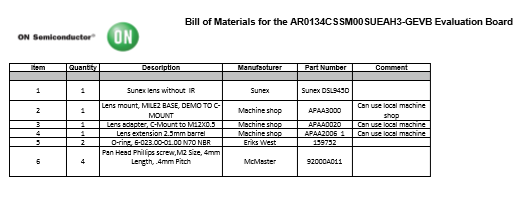
* Created SOW document on Github
* Researched project requirements, Pixhawk 4, 1500 OEM, SLA 1500-FFC, AR0134 optical sensor
* Created Level 0 block diagrams of current system and the desired configuration for the SOW
* Created first draft of hardware requirements for SOW

**Next Week:**

* Create spreadsheet for BOM
* Research component footprints available in Eagle, estimate time needed to create required footprints
* Continue researching IO for 1500 OEM, SLA 1500-FFC, and AR0134CS
* Continue researching Pixhawk 4 and quadcopter build

**Questions:**

* There are parts from the AR0134 development board that may be hard to find. The BOM listed several parts that needed to be created at a local machinist?

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**Adel:**