

# Meeting Report

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## 1 Meeting overview

During this meeting, the progress on Kalman Filters was discussed, as well as progress on the hardware. The original model provided by Roxy did not pass the stress testing. Therefore, a new model will be 3D-printed.

The current progress of the group on the theoretical front is going forward, although slowly. The group is currently building the intuition on how a Kalman filter works, based on 2 other estimators: the discrete Bayes filter and the Luenberger observer.

On the hardware front, the plan is to send the orders within the week. The equipment should arrive around February/March. ??

### 1.1 Conclusions from the meeting

- The hardware list will be sent within the week.
- The group will continue with the studying of the Kalman filter theory. The objective is reaching 04: 1-variable Kalman filters