Discussion:

Determine functions of the project product and also rank the importance:

Necessary

High priority

Low priority

**Clarify**

Functionality

* AHRS/INS data recorder that works in an aerobatic plane - note that many commercial AHRS systems don’t work well for aerobatic planes
  + Ken, Steve, Jim, Tomas
* Visualization of flight after the fact from the judge’s position
  + Ken, Steve, Jim
* Record pilot inputs to be able to correlate with aircraft position after the flight - See the difference between actual pilot inputs and what the pilot thought they were doing
  + Ken, Jim, beginner pilots
  + Steve thinks this can be determined from the ground viewpoint
* Easy to install
  + Tomas, Steve, Jim, I assume Ken as well
* Easily removable, take it out of the plane, maybe put it in another plane
  + Tomas, Jim
* Don’t need to interact with it during flight
  + Tomas, Steve, I assume Ken and Jim as well
* Record video from the cockpit to share online (possibly with auto-editing features, possibly 360/VR format)
  + Jim, Steve

Real-time data processing and alerts based on location in bounding box in competition

Tomas

Steve also thinks this is interesting

* “Affordable-ish”
  + Jim
* Automatically recognize which figure the pilot is flying
  + Tomas, although he said this is very low priority
* **Record values from the dashboard dials - especially airspeed**