

To Do

- Model atmosphere
 - Fraction of x-rays that get to an altitude as a $f(\lambda)$
- Model potential sources
 - Create list of potential targets
 - Create simple model of X-ray spectrum - output in format that can use the atmospheric model
 - Determine target visibility from the UK
- Model detector
 - Get list of potential detectors
 - From available specification data try to estimate their performance with the data from above
 - Estimate their performance on a HAB
- Model payload
 - Design collimator
 - Design electronics and predict system performance
 - Determine housekeeping telemetry requirements
 - Determine best launch location
- Build & Test
 - Detector
 - Active control/IMU
 - RF
- • Flight
 - Testing flights
 - Logistics
 - Flight docs