In-air Bench test

Increased light collection

3D reconstruction

- Purchase camera/Lens
  - Need to verify shutter operation
- Resolution target with various spatial frequencies
- Window
- Mirrors
  - start with one that can be moved
  - Test on/off axis contrast
- 3D printed structure to mount mirror arrays
  - Start with 1D 180-degree coverage
- Test light collection capabilities
  - Vary light levels to match MAGIS

In-air Atom test

Demonstrate 3D reconstruction in a limited angular acceptance: data/MC

Consider larger features to account for 3 windows?

- Maxime's simulation studies to establish feasibility and what is the maximum resolution that could be resolved
- Murtaza/Maxime 3D reconstruction performance under reduced acceptance
- Bench test using 3 windows to verify simulations

Optical mounts, light source, camera/computer interface, laptop

Alignment/measuring instruments?