



# Fox+ and ASCENT

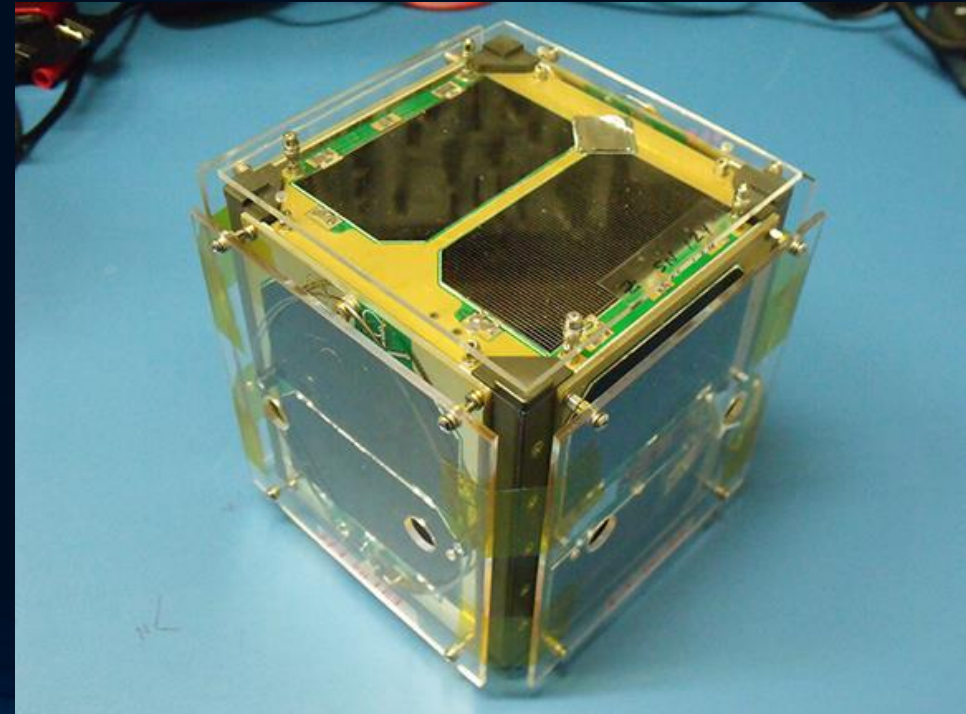
2022 HAMVENTION

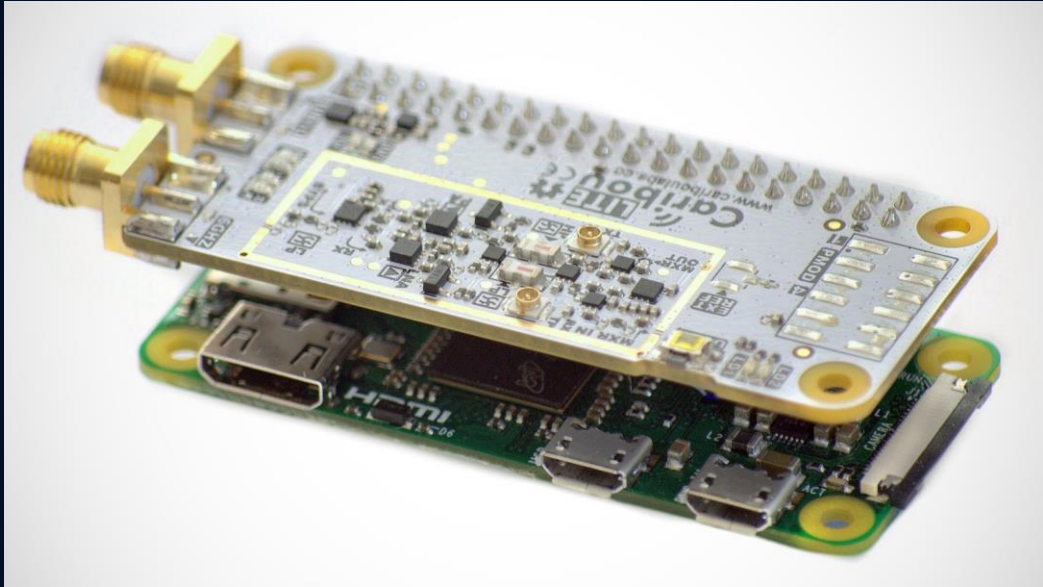
# Fox+

- Vision
  - Building on Fox
  - LEO
  - 1U+ → Increasing Size
  - FM+ → Increasing Capability
  - Open Source and Open Access
  - Early Work
    - Systems Engineering
    - RF
    - Structure

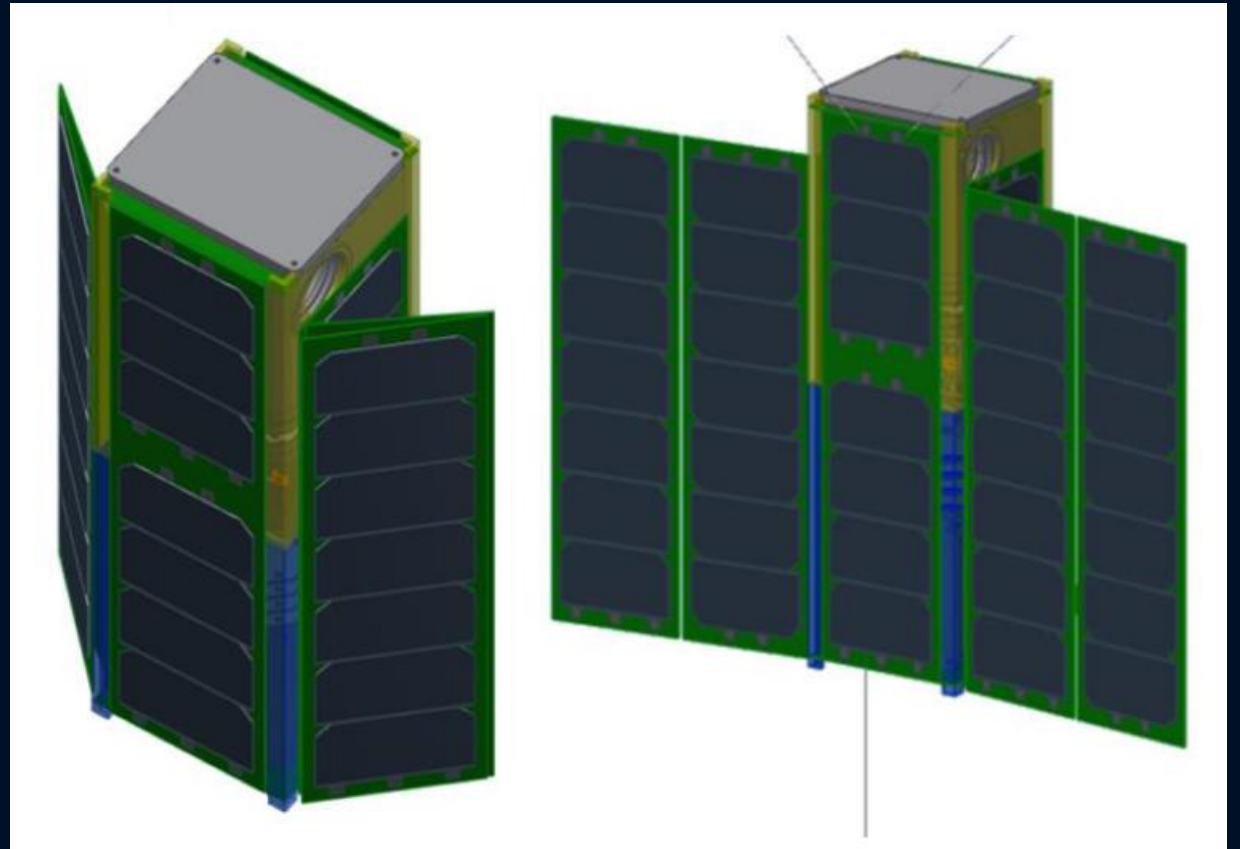
- Shared with Golf

- Power System
- RF





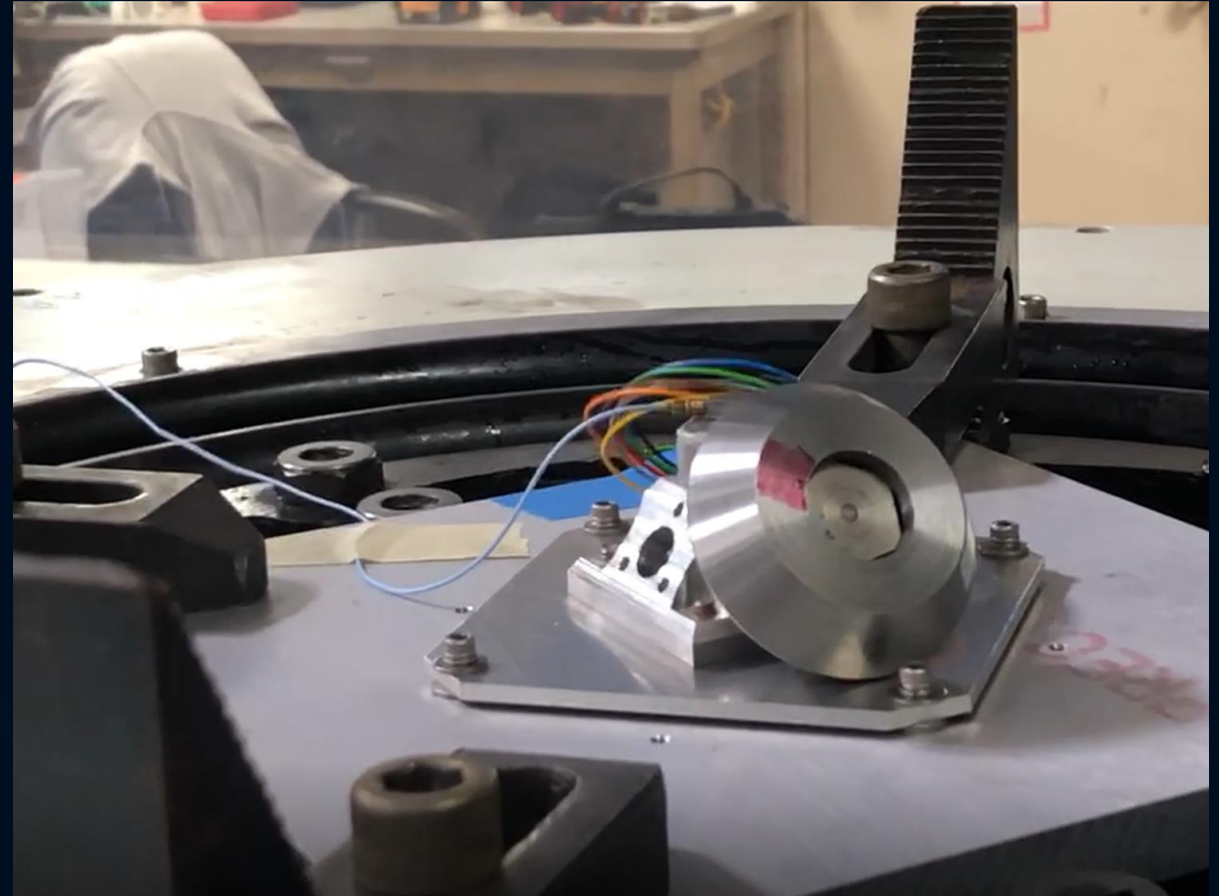
<https://www.crowdsupply.com/cariboulabs/cariboulite-rpi-hat>





# ASCENT

- Reaction Wheels
  - Engineering
  - Vibration Test
- Deployable Solar Panels
  - ARDC Grant
- Open Source and Open Access



# Engineering Volunteers

- Mechanical Engineering
- RF Engineering
- Flight Software Engineering
- Stop by the Booth