



CANACORR



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PRIMARY MISSION

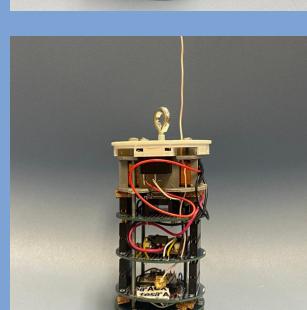
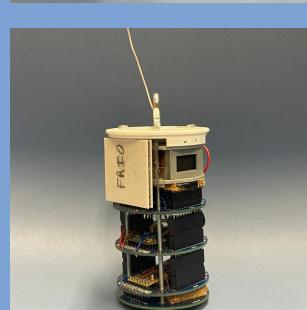
The primary mission proposes the collection of data on atmospheric temperature and pressure.

To accomplish this, sensors in the CanSat will measure these parameters and transmit them through telemetry to the ground station.

SECONDARY MISSION

Construction of a sustainable satellite using:

- A cork case, due to its resilience, thermal insulation, malleability and lightweight;
- Thermoelectric generator, to utilise temperature differential to generate energy.



DESIGN:

CanACork features a cylindrical case made of cork, aiming to simultaneously meet the resistance, aesthetic and accessibility aims defined by the team.

All the electronic components are assembled in a one-piece only structure, which has 4 floors.