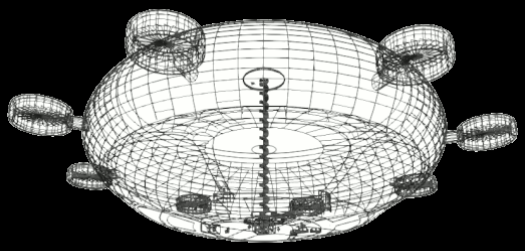
The Plan

- Develop open source distributed Clustering Operating System
- New Blockchain focused on privacy, speed, ease of use, and no "whales"
- Develop small modular 3d printable AirShips

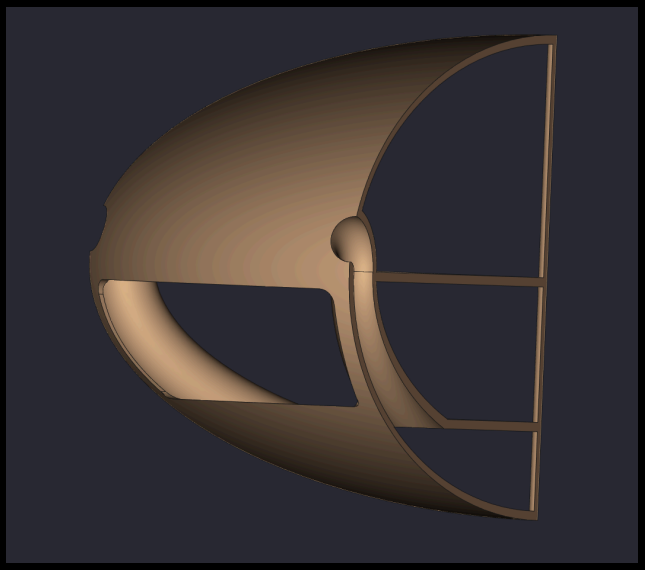


- distance mesh network
- Develop 3d navigation and blockchain route peer verification
- Stress test all systems, software, and encryption
- Repeated global iterative open source revision
- Scale up and incentivize further development

Download the WhitePaper

Open AirShip WhitePaper
Download File

Version 0.1



When we build larger AirShips, we will develop the blockchain that makes this entire enterprise sustainable and profitable for all participants. While developing blockchain infrastructure, 3d vision, navigation capabilities, materials engineering, and construction techniques will be developed. To that end, radical advances in 3d printing will need to be pursued.

In order to sustainably source construction materials and feed the crews working on this project, automated and decentralized AirShip FarmBots will be constructed to build local food forest ecosystems and hemp 3d filament production based on

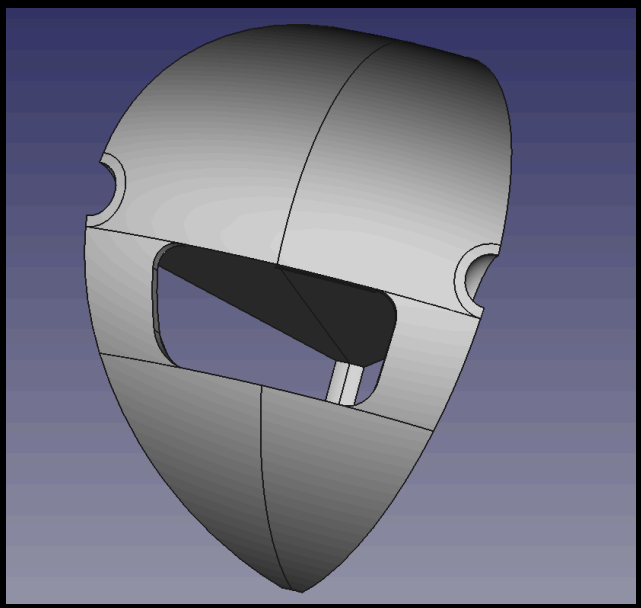
further test the 3d navigation, mapping, and automation code.

Ultimately the aim is to have AirShips that can autonomously self-replicate, other than the manual installation of a few basic components (computer board, hot end, private encryption keys, software).

Version 1.0

Once our initial iterative design phase successfully passes all safety trials, we will release version 1.0: A small AirShip that can autonomously travel at up to 25 mph and stay aloft for up to 8 hours on a charge.

The design will be a modular design, 3d printable, and capable of collecting its own lifting gas (hydrogen) by electrolysis of locally sourced water. The hydrogen will be stored in ballonets in a larger super structure filled with nitrogen gas at room temperature and pressure, with careful monitoring. All designs will feature low cost off-the-shelf components, and be completely open source. The AirShip will be covered in a lightweight, high efficiency solar array, capable of fully recharging the craft and storing power in onboard ultracapacitors or batteries.

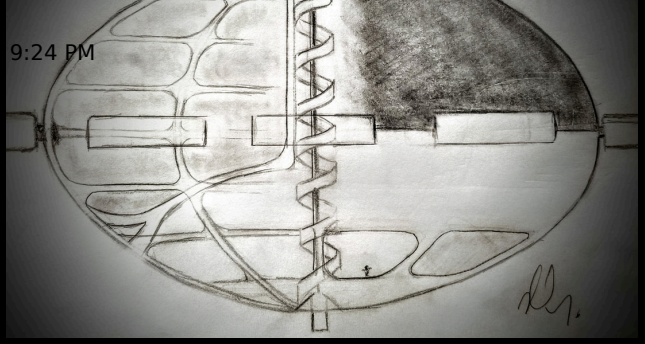


The AirShip will act as a p2p communications node for all other AirShips in the vicinity, sharing telemetry, location, and 3d simulation data with the entire mesh network via peer-verified blockchain.

AirShips will have an array of cameras, and recreate a 3d model of their surroundings running continuous simulations of the local environment, preventing collisions and calculating routes collaboratively real-time with all other AirShips, while maintaining an up to date 3d map shared collectively on an encrypted privacy-focused blockchain, continuously verified and approved by all other nodes (AirShips).

Automated AirShip 3d print swarms will be constructed out of ecologically and human-health-friendly hemp-based 3d printing filament, HempCrete, iron, AirCrete, AeroGels (insulation), Graphene (electrical storage), Carbon NanoTube based materials (photovoltaics), and other materials. Printing will be on the fly, into the structure of subsequent AirShips.

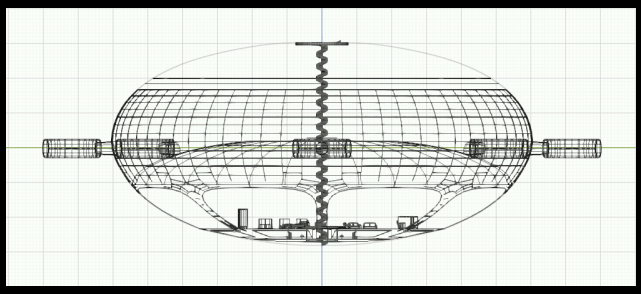
Version 2.0



Capable of transporting a person at 50 mph, and staying aloft for at least 8 hours on a charge in light wind or mild weather.

Equivalent to a motorcycle in functionality and capability but navigating through the air. This model will be the spiritual successor to Alberto Santos-Dumont's "No 9." Or "The Little Runabout".

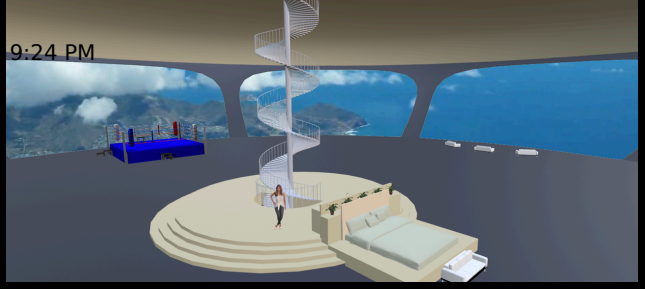
Version 3.0



Capable of carrying up to 10 people at 100 mph, with flight times exceeding 24 hours.

Live-aboard replete with kitchen, bathroom, bedroom, and fresh water supply, as well as built-in waste management.

Version 4.0

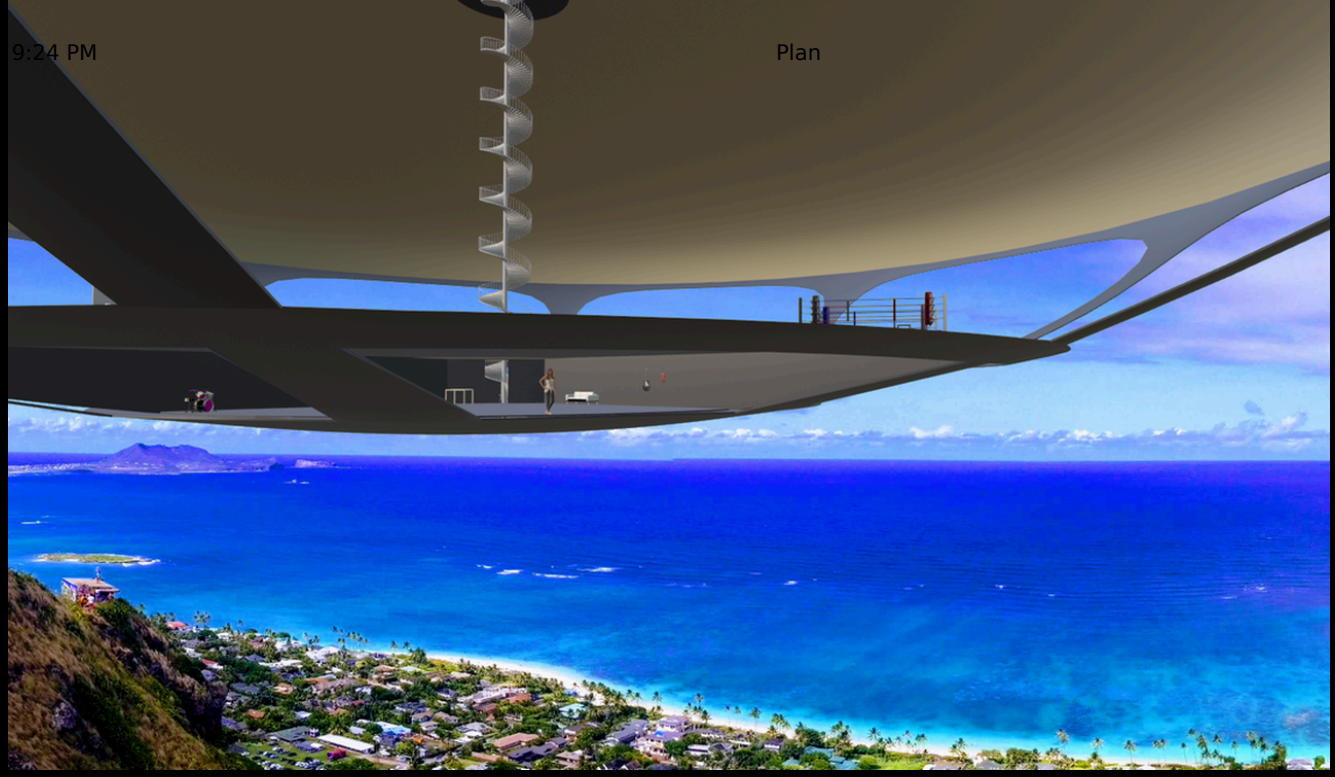


Pressurized cabin, capable of traveling to the edge of the atmosphere. Further advances in material science, 3d printing and blockchain governance.

Later models will utilize an eco/human health friendly hemp-based carbon fiber, yet to be developed, as well as carbon nanotube based solar cells, lightweight aerogel insulation, and graphene based ultracapacitors.

Version 5.0

Capable of sustaining a family of 4 anywhere in the solar system. Complete with Onboard Nuclear Power, 12 individual food production biomes, and centrifugal force (standard gravity) 1g replication.



Fortune Favors the Bold

"The Meek shall Inherit the Earth."

Psalms 37:11