

Airbia: suburban passenger ferry airship concept

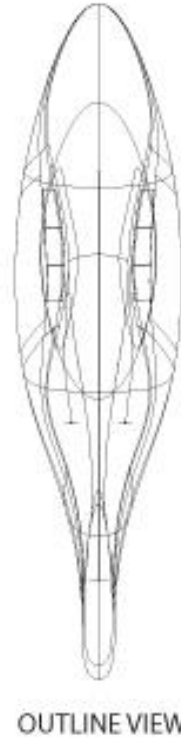
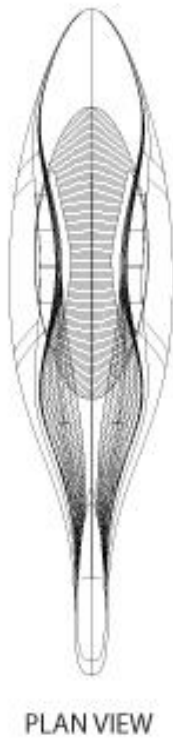
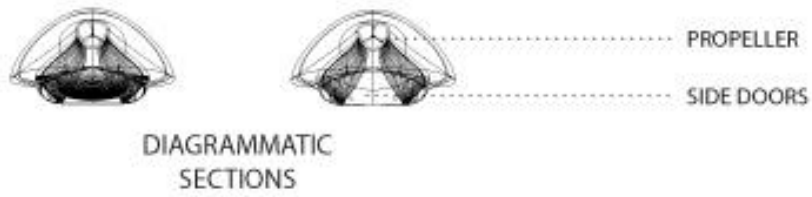
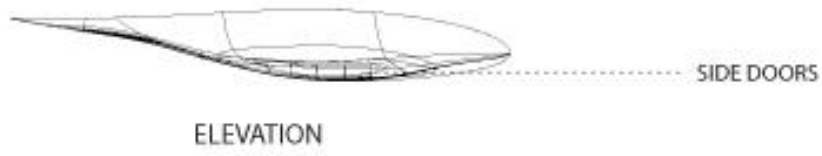
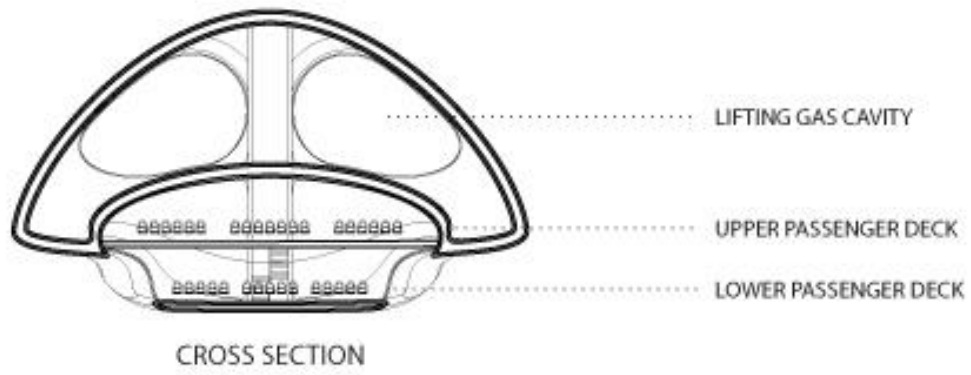
Peter Lobner, 5 August 2019

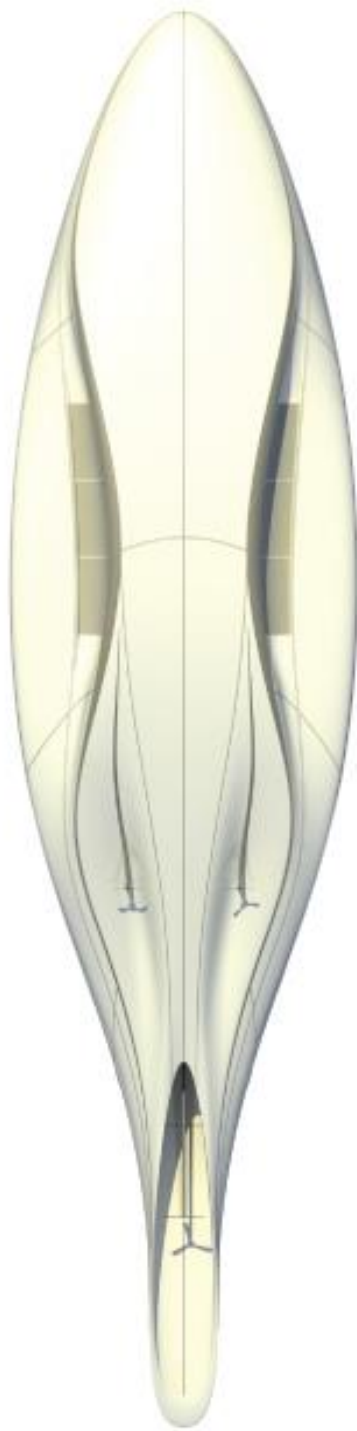
Designed by Alexandros Tsolakis and Irene Shamma in 2010, the Airbia airship is intended to be used in a transportation network that ferries passengers quickly and easily between their suburban homes and urban city centers. This airship transportation network could greatly decrease surface transportation congestion and associated environmental pollution in sprawling urban / suburban areas. The only infrastructure needed on the ground is a distributed set of station - platforms at selected locations where the airships can land to load / unload passengers.



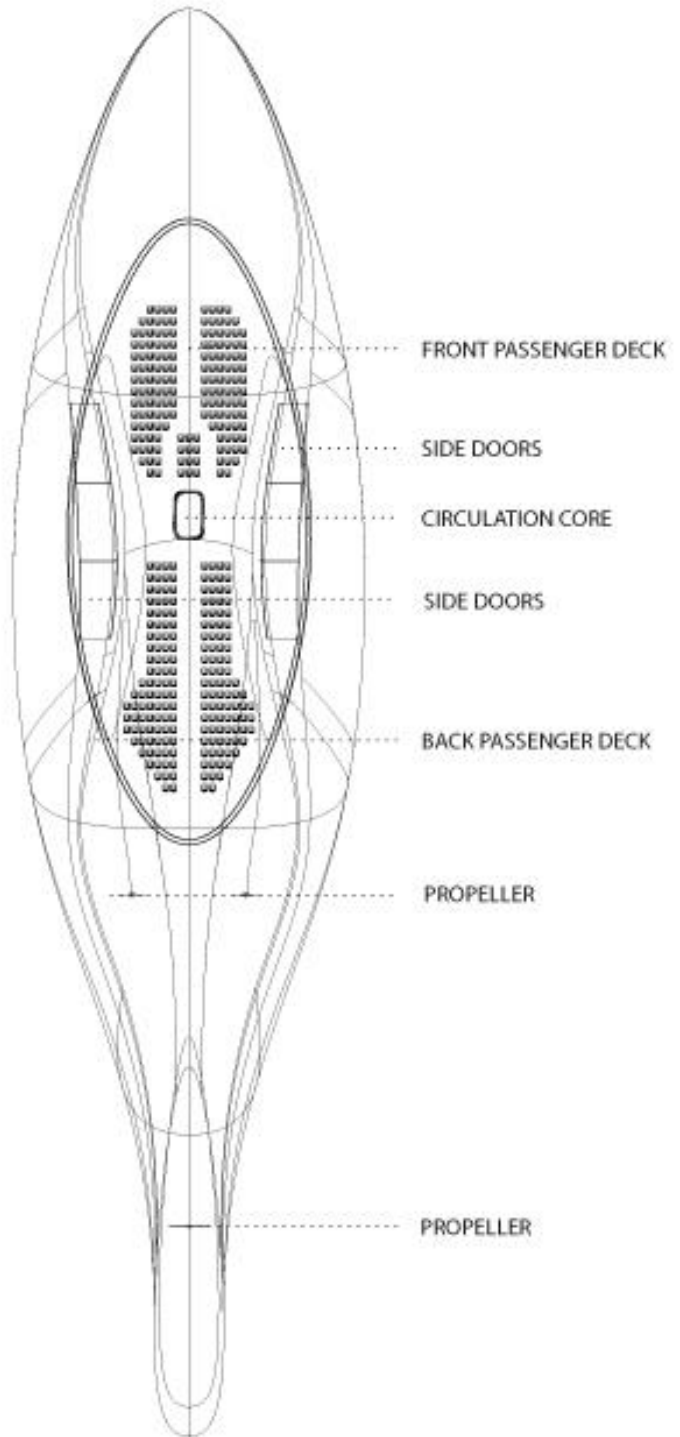
Airbia ferries converging on downtown. Source: Airbia

The airship is designed to carry about 400 people, travel at an average speed of 150 kph (93 mph), and fly at low altitude, 30 - 500 meters (100 – 1,640 feet).





RENDERED BOTTOM VIEW



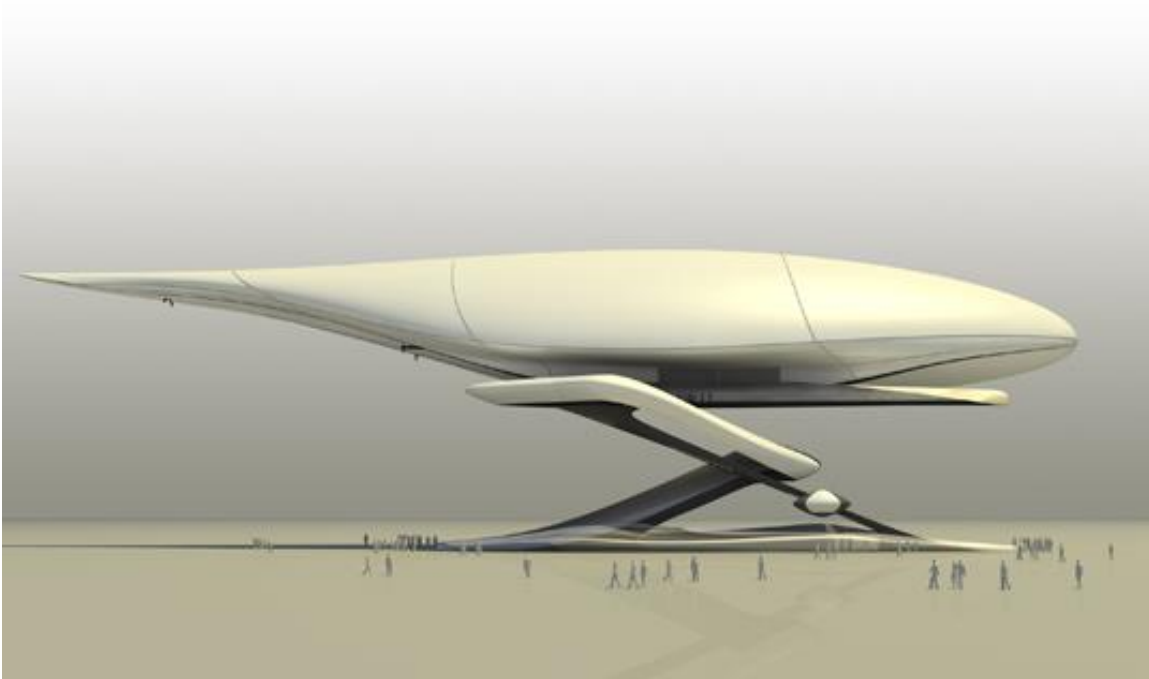
PLAN VIEW



Airbia over a large city (above) and departing a suburban station – platform (below). Source: Airbia



The architecturally stunning station-platform has an elevated platform for landing the airship, staircases and elevators for passenger access, and ticket machines. To make the transportation system flexible, the station - platforms can be placed almost anywhere in the city and suburbs.



An Airbia airship on a station-platform. Source: Airbia

Airbia was a finalist in the REBURBIA “A Suburban Design Competition” by Dwell Magazine and Inhabitat for talented designers, architects, and urban planners to contribute their solutions to save suburbia. You’ll find more details on the Airbia website at the following link. This website was the source of the graphics in this section.

<https://airbia.wordpress.com>