

## Imaginative Aerostratos

Peter Lobner, 17 August 2019

Imaginative creates vehicle concepts related to the future of mobility. The Aerostratos is a regional airship concept that was created in 2018 in collaboration with the International Civil Aviation Organization to inspire the next generations of aviation professionals. The concept was created by Charles Bombardier and the design was developed by Ashish Thulkar.

The basic external design was inspired by the shape of the Airlander 10 hybrid airship built by Hybrid Air Vehicles (HAV) in the UK. Unlike the Airlander 10, the Aerostratos is a conventional airship that is capable of hovering and mooring to an elevated docking facility, much like a traditional zeppelin. The Aerostratos is intended to transport passengers and packages and would operate between docking stations or taller mooring towers, some of which could be integrated with buildings.



*General configuration of the Aerostratos. Source: Imaginative*

Imaginative reports that the docking process would be automated.

“The airship’s docking bases are designed to issue tickets, handle security, and process passengers very efficiently. They’re also engineered to secure the airship when it’s docked. The front of the airship would be attached automatically by robotic grips and winches. Smaller drones would be deployed to fix lateral mooring lines. The general goal would be to automate the docking process so it can be done in less than five minutes.”

**AEROSTRATOS**

**IMAGINACTIVE**



*Aerostratos secured to a low mooring station. Source: Imaginative*

You can view a short video, “The Aerostratos concept by Imaginative,” here:

[https://www.youtube.com/watch?v=UmNTW3\\_0QJY](https://www.youtube.com/watch?v=UmNTW3_0QJY)

You’ll find more information Aerostratos on the Imaginative website here: <http://imaginative.org/2018/10/aerostratos/>



*Aerostratos secured to a mooring tower. Source: Imaginative*

A related Imaginative concept is the Terzi, which is described as, “a futuristic building designed to serve as a commuting tower for trains, autonomous cars, eVTOL and regional airships. The Terzi would act as an urban intermodal hub for people commuting on a daily or weekly basis.” Terzi buildings would serve as airship transportation nodes for Aerostratos airships, as shown in the following Imaginative graphics. The Terzi concept was originated in 2019 by Charles Bombardier and designed by Ashish Thulkar.

You’ll find more information on Terzi on the Imaginative website here: <http://imaginative.org/2019/05/terzi/>



*Renderings of Aerostratos airships operating from a Terzi commuting tower. Source: Imaginative*

