

# **Imaginative – Aerostratos & Terzi**

Peter Lobner, updated 18 March 2022

## **1. Introduction**

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 Aerostratos airship is was designed to ferry passengers and freight in regions of the world where road and other transportation options are limited or nonexistent.

The design concept includes a plan to finance the deployment of regional docking stations as a way to support implementation of a regional airship transportation network. Imaginative explained that operators could invest in regional hubs like a business or franchise. They would acquire the land, build the structure and run it as a business. These stations could be prefabricated to reduce site engineering costs and also reduce deployment time and cost.

The airship and docking station concepts were created by Charles Bombardier and the design was developed by Ashish Thulkar.

## **2. Aerostratos**

The basic external design of Aerostratos 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.



*The Aerostratos design shows the visual influence of the HAV Airlander 10. Source, both graphics: Imaginative*



*Aerostratos approach and landing at a mooring tower.  
Source: Imaginative*



*Aerostratos secured to a low mooring station. 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.”

### **3. Terzi**

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.



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



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.

#### **4. For additional information**

The Imaginative web resources on Aerostratos, Terzi and several more of their airship projects are no longer available.

##### **Other *Modern Airships* articles**

- *Modern Airships - Part 1*: <https://lynceans.org/all-posts/modern-airships-part-1/>
  - HAV Airlander 10 prototype
- *Modern Airships - Part 2*: <https://lynceans.org/all-posts/modern-airships-part-2/>
- *Modern Airships - Part 3*: <https://lynceans.org/all-posts/modern-airships-part-3/>