Urban-Air Port

A New Era in Aviation Demands a New Type of Infrastructure

We create and operate airports for drones and eVTOLs.

Enabling Advanced Air Mobility through Innovative Infrastructure

- We provide **innovative** ground infrastructure as a service for Future Air Mobility. An ultra-**compact**, **rapidly** deployable, multi-functional **operations** hub for manned and unmanned vehicles providing aircraft command and control, charging/refueling, cargo and passenger loading and other mission specific facilities.

- Our **Mission** is to remove the largest single constraint to **sustainable** air mobility. To significantly cut congestion and air pollution from passenger and cargo transport. To create a Zero-Emission-Mobility **ecosystem** through the utilisation of best-in-class Design, Technology & Manufacturing. To deliver fully **connected** iconic architecture that is Modular, Scalable, Re-usable & Flat-packed and incorporates Autonomous Systems & Renewables.

TAXI

Passenger air taxi services

Autonomous logistics drones

Disaster emergency management

Defence operations and logistics

Electric

Off Grid

Zero Emission

So Many Aircraft with Nowhere to Land

Lack of infrastructure risks choking potential growth

Four key markets:

Passenger:
Cities hungry for zero-carbon solutions to the congestion crisis need scalable, easy to install solutions. Urban air mobility will require agile infrastructure giving quick turnarounds to reap the economic benefits.

Logistics:
Costly last mile problems require realistic solutions and middle mile chokepoints need alternative routes to increase speed to customer

Humanitarian:
Dramatic increase in operations spurred by COVID-19 test and vaccine programs as well as climate change effects in the developing world require a step-change in drone infrastructure.

Defence:
Immediate need for drone-ready Forward Operating Bases. A market with no regulatory barriers focused on capabilities over cost.

Current status of electric vertical take-off and landing (eVTOL) market

Aircraft technology is rapidly advancing and investment is matching it.

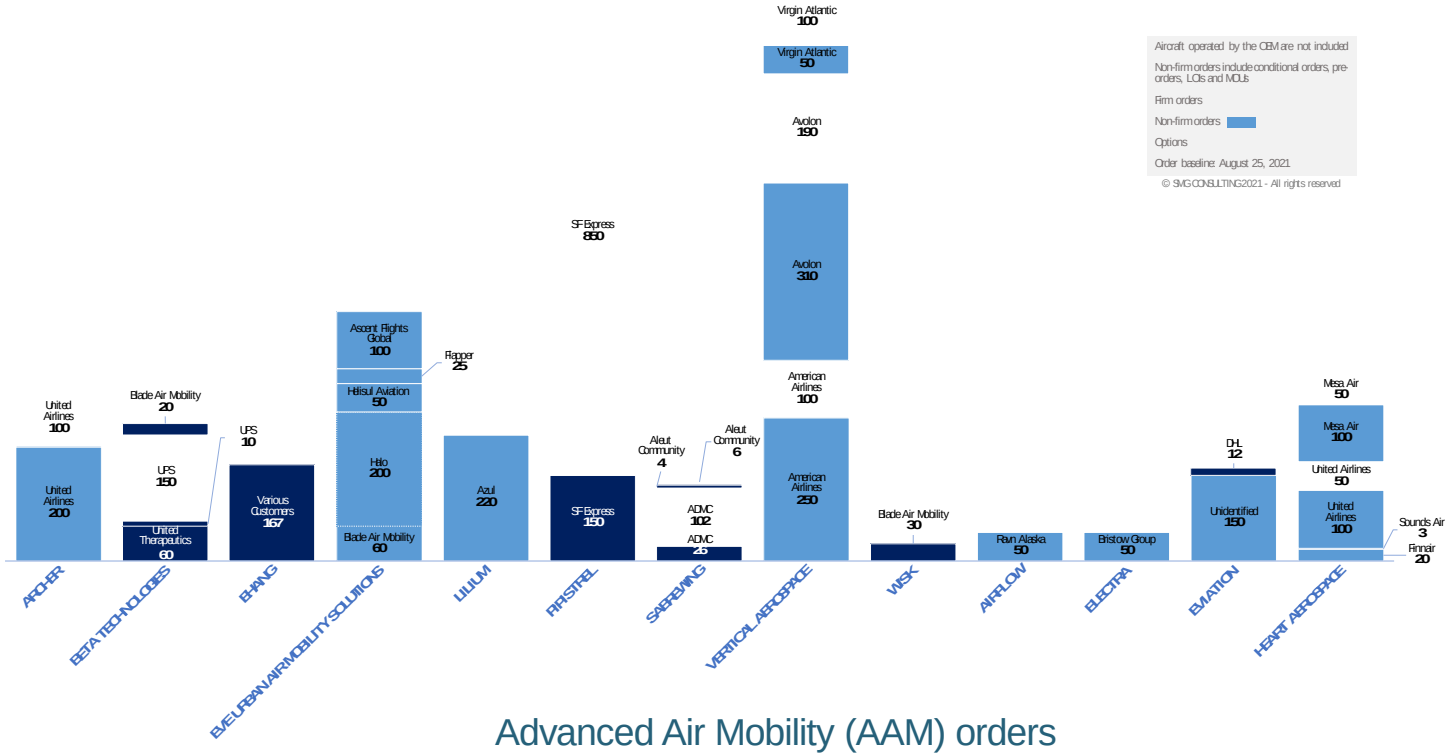
Flying taxi unicorn Joby Aviation may fly SPAC route to Wall Street

Electric Aircraft Startup Archer to Go Public Via SPAC Atlas Crest Investment; Shares Lift Off

HOW DRONES ARE CHANGING THE DISASTER RELIEF INDUSTRY

Sabrewing Aircraft Company Announces $600 Million Deal with Arabian Development & Marketing Company for Fleet of Unmanned VTOL Cargo Aircraft

Military Drone Market Size to Hit USD 23.78 Billion by 2027; Rapid Advancements in Drone Technologies to Open New Avenues of Expansion for the Market, Says Fortune Business Insights™



Advanced Air Mobility (AAM) orders

A 2019 **NASA/Booz Allen** study found that a near-term US market size of $500bn is achievable, $355 of that value comes from removing the infrastructure constraint.

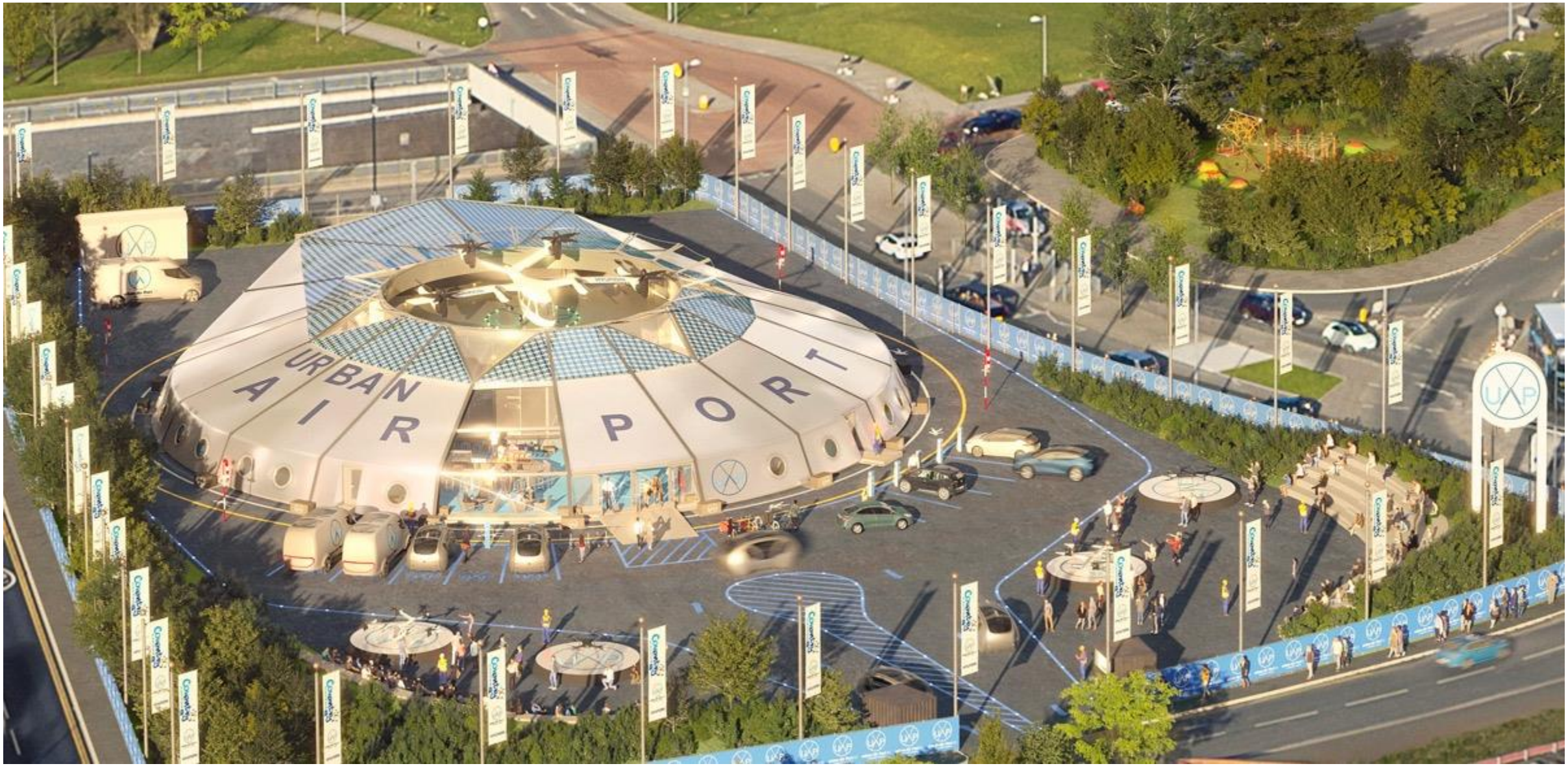
"If leaders want to scale the Urban Air Mobility market… they must establish many more ports, as well as more routes among them" *To take off, flying vehicles first need places to land* - **McKinsey & Company**

Global Total Addressable Markets and Timing

	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
 **Passenger**			Early Adopters/Demo Projects/Tourism		2024 Passenger Air Taxi operations in US		Global rollout of passenger Air Taxi services. Vertiport installation boom		**GTAM by 2040: $851bn***	
 **Logistics**			2022 Logistics drones begin commercial operations in last mile solutions		2024 Larger drones enter middle mile logistics market		Drones are cemented as component in all parts of logistics chain		**GTAM by 2040: $413bn***	
 **Humanitarian**			COVAX plan to distribute billions of vaccines – huge demand in developing countries		Larger aircraft allow broader mission profile including emergency response, search and rescue		Climate change increases the need for disaster relief, particularly in coastal regions. Drone solutions form major part of Governments disaster response		**GTAM by 2040: No current estimate**	
 **Defence**			Drones widely used – Need specialist operations hubs		Autonomous coastal defence systems -		Unmanned operations continue to define defence plans and spending		**GTAM by 2040: $12bn***	

Source: * Morgan Stanley “Flying Cars: Investment Implications of Autonomous Urban Air Mobility” – ‘Medium Forecast’

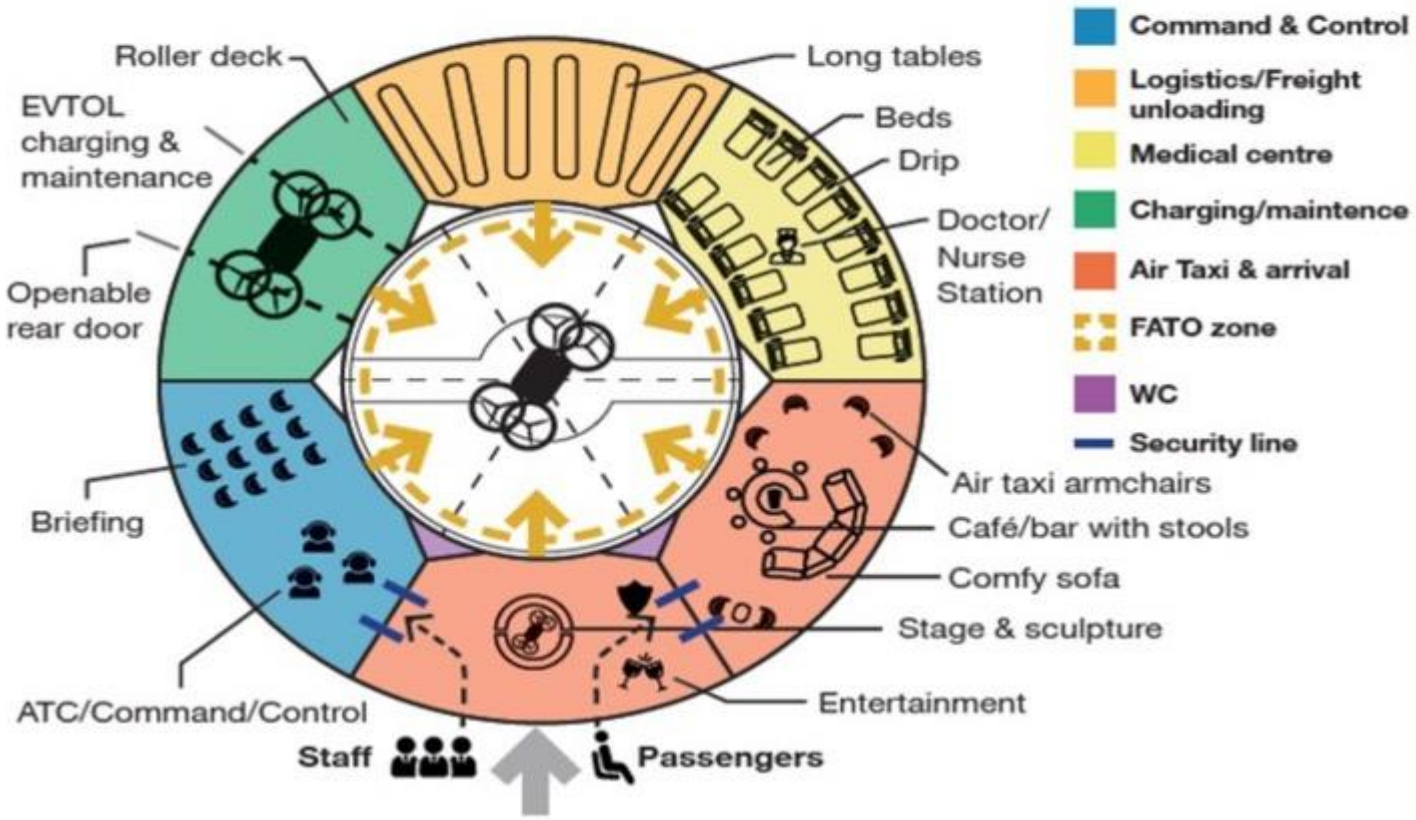
Air One – The World's First Fully Operational Vertiport



Hangar View – Air One

Cafe View – Air One

AIR ONE® | A Global Showcase, Coventry City of Culture 2021



"As we advance our eVTOL aircraft program, development of the supporting digital and physical infrastructure is absolutely imperative and equally important to the future of Urban Air Mobility. Air-One® is a truly industry-leading project that cuts right to the heart of this and lays the foundation for development of the complete mobility ecosystem. We could not be more excited about this partnership in the UK – working together to act on our passion of creating societal and economic opportunity through safe, affordable, and human-centred mobility solutions across the air and ground"

Adam Slepian – Global Head of Partnerships: Hyundai Air Mobility

Our Air-One Programme (with Hyundai and Innovate UK) includes:

- Design, Development and Manufacture of a functional prototype Urban Air Port.
- Installation and operational demonstration at an urban site in Coventry, UK in 2021.
- Innovative design and manufacturing techniques creating a flat-packed, kit of parts.
- Proving the technical & operational feasibility of dynamic freight, air-taxi and disaster relief scenarios
- Justification of the viability of the design and business model through intensive, real world installation and testing.
- Demonstration of the strength of Urban Air Port's partnerships with Hyundai and other air mobility ecosystem players

The Urban-Air Port® Unique Selling Points the Market Demands

Cost Effective – 1/3rd cost of traditional air infrastructure

Space Efficient – 60% smaller footprint than comparable heliports

Rapidly Deployable – Portable and quick to install, giving customers flexibility and resilience.

Single Point of Operation – Integrated operations increase flight volumes and reduce operational costs

Vehicle agnostic – accommodating entire market

On/Off-Grid – using renewables

Scalable – Six sizes for customers to match to their market

Modular – Easily reconfigured to adapt to mission

Rooftop – Land - Water

We are the go-to.

Thank You

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