



Urban-Air Port[®] Ltd



News Release

World-first hub for flying taxis, Air-One, opens in Coventry, UK, heralding a new age of zero-emission transport

- *Urban-Air Port[®] opens Air-One[®], a world-first demonstration of a fully-operational hub for future electric Vertical Take-Off and Landing (eVTOL) vehicles – such as air taxis – and autonomous delivery drones, to demonstrate the potential of advanced air mobility globally.*
- *Air-One[®] will demonstrate how advanced air mobility can cut congestion and air pollution and support a zero-carbon future, integrated with electric vehicles for sustainable public transport.*
- *Air-One[®] will be launched in Coventry before further deployments in new locations and environments across the world.*
- *Air-One[®] is a blueprint for more than 200 sites planned by Urban-Air Port worldwide over the next five years to meet growing demand.*
- *Opening of Air-One[®] puts Global Britain at the forefront of a new age of clean transport.*

[Urban-Air Port[®]](#), the UK-based developer of ground infrastructure for air taxis and autonomous delivery drones, today opens “Air-One[®]”, a world-first demonstration of a fully-operational hub for electric vertical take-off and landing (eVTOL) vehicles – such as air taxis – and autonomous cargo drones, heralding a new age of zero-emission, low-congestion urban transport.

Urban-Air Port[®] – backed by the UK Government and supported by [Supernal](#) – will operate Air-One[®] in the heart of Coventryⁱ for at least one month. Air-One[®] will provide a blueprint for more than 200 vertiports planned worldwide by Urban-Air Port[®] over the next five years to meet growing demand.

The advanced air mobility (AAM) market is set to take off, with forecasted growth of 9%ⁱⁱ annually to reach USD \$1 trillion within the next two decadesⁱⁱⁱ. Despite a booming market and a strong pipeline of eVTOLs entering commercial operations this decade, the lack of ground infrastructure remains one of the single biggest barriers to growth, according to analysis by NASA^{iv}.

Air-One[®] will demonstrate how purpose-built ground infrastructure can unleash the potential of AAM to decarbonise transport and cut air pollution and congestion, whilst providing seamless passenger journeys and deliveries.

Ricky Sandhu, Founder and Executive Chairman of Urban-Air Port[®], said: *“The opening of Air-One is a momentous moment – the starting gun for a new age of transport, an age of zero-emission, congestion-free travel between and within cities that will make people healthier, happier and more connected than ever before. Cars have roads. Trains have rails. Planes have airports. Now, eVTOLs have an Urban-Air Port.*

“From design, through to fabrication and now into operation, Urban-Air Port has delivered Air-One in just 15 months, setting the standard for deployment globally and opening up a world of possibilities for rapid response air mobility. Air-One is just the first model in our infrastructure fleet and our order-book is not only open but already growing. The interest is turning into recognition of the need for our technology and into demand.”

Minister for Aviation, Robert Courts, said: *“British innovation has a rich history of transforming global transportation, from the creation of the railroads in the 1800s, to the growth of great British brands such as Jaguar, Triumph and Rover in the 1950s.*



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"The opening of Air-One, backed by Government funding, will revolutionise the way people and goods travel across the nation. This step forward puts Britain at the vanguard of clean transport, bringing investment and high-skilled, green job opportunities to the nation, while levelling up opportunity in the Midlands."

Urban-Air Port[®] is accelerating its plans to develop 200 vertiports worldwide, and the company's order book for additional sites is growing, with vertiports already planned in the UK in the West Midlands and London, and internationally in the United States (Los Angeles), Australia, South Korea, France, Germany, Scandinavia and South East Asia.

Mike Whitaker, Chief Commercial Officer of Supernal, said: *"Air-One serves as a valuable, tangible asset to helping build stakeholder confidence and trust in emerging mobility technology and supporting systems. The Coventry demonstration is an important first step forward to reimagining how people across the world will move, connect and live. Developing a scalable system to support advanced air mobility operations requires collaboration from all industries and corners of the world. Supernal's support of Urban-Air Port reinforces our belief in fusing technology and innovation to enable humanity and society to reach new levels of potential."*

SHOWCASING THE FUTURE OF FLIGHT

Air-One[®] will demonstrate aircraft command and control, eVTOL charging, cargo loading for unmanned drones, and will host demonstrator flights. West Midlands Police and Skyfarer will be among the first to operate flights from the site, showcasing how Urban-Air Port[®]'s vertiports can provide drone bases for "sky protection" and high-value cargo deliveries in the near future. Flights of large cargo drones will also be demonstrated by UK-based drone developer, Malloy Aeronautics – the first time a drone of this size has flown in such a dense and built-up urban environment. Acting as a single solution to support the uptake of zero-emissions transport, Air-One[®] will also host charging infrastructure for other modes of electric transport, including electric vehicles from some of the world's biggest and most well-known automotive brands, to seamlessly integrate low carbon transport. A series of public engagement events at Air-One[®] will also bring future air mobility to life for the public and form part of Coventry's City of Culture celebrations.

Coventry University's National Transport Design Centre, part of the research Centre for Future Transport and Cities, has played an important role in shaping Urban-Air Port's customer journey through cutting edge user-centred design expertise. Researchers have worked to ensure Air-One[®]'s design is accessible, easy to navigate and a pleasure to use, and Coventry University will continue to collaborate with Urban Air Port[®] to further public understanding and acceptance of the new technology.

As announced in October 2021, Urban-Air Port[®] and the [international business division of Munich Airport](#) - one of the world's leading airport operators - will closely cooperate on the launch of Air-One. This partnership will help ensure that the vertiport project becomes a blueprint for future vertiport deployments in multiple environments and settings.

Coventry was chosen for the site due to its location in the heart of the UK – with most parts of the country within four hours of travel – and its historic leadership in the automobile and aerospace industries. A series of public engagement events at Air-One[®] will bring future air mobility to life for the public and form part of Coventry's City of Culture celebrations.

Following the programme in Coventry in Summer 2022, Urban-Air Port[®] will redeploy Air-One[®] to other locations in the UK and internationally to undertake a variety of demonstrations in different environments and settings, establishing the global standard for ground infrastructure.

URBAN-AIR PORT[®]'S FUTURE PLANS



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Urban-Air Port[®]'s vertiports are designed to be highly flexible, catering to four different markets: passenger air taxis, autonomous delivery drones, disaster emergency management and defence operations and logistics. They can even be deployed at short notice to enable drones and other eVTOL aircrafts to collect and transport emergency supplies, equipment and people in disaster situations such as floods or earthquakes and can be operated completely off-grid using on-site hydrogen fuel cell, zero-emission generation.

Urban-Air Port[®] will generate revenue through an infrastructure-as-a-service model, enabling customers to decide the level of service they require. This can include simply purchasing Urban-Air Port[®] infrastructure, through to a full-service offering that includes site-specific design development and ongoing operations and maintenance for their ground, air and digital infrastructure solutions.

As part of its mission to deliver a “world-class” customer experience at Air-One[®] and demonstrate the potential of non-aeronautical revenue streams to support a rapid global rollout, Urban-Air Port[®] has partnered with leading brands – Anatomie, Bottega S.p.A., Eures (part of Compass Group), LG Business Solutions, Mother and Paul & Shark – to demonstrate a retail and food & beverage (F&B) experience under the company’s new retail and F&B brand, ‘[Urban-Air Choice](#)’.

Air-One[®] is located at Westminster Car Park, in the centre of Coventry (CV1 3fZ). Members of the public interested in attending can sign up for tickets at www.urbanairport.com/aironeevent.

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For further information and to arrange interviews, please contact:

Will Spragg	will.spragg@greenhouse.agency	+44 7528 307 499
Jessie Wilson	jessie.wilson@greenhouse.agency	+44 7763 540 629

For non-media enquiries, please contact: airtime@sixmilesacrosslondon.com

Additional quotes

Professor Stewart Birrell, Professor of Human Factors for Future Transport at Coventry University’s National Transport Design Centre, said: *“We are delighted to have teamed up with Urban-Air Port and Coventry City Council to help facilitate this hugely exciting and innovative future transport project. The chance to utilise our expertise and research knowledge in user-centred design to help shape this forward-thinking development is one we have relished and the anticipation and excitement is huge as the site is finally unveiled.”*

Dr. Ralf Gaffal, Managing Director at Munich Airport International, said: *“A few years ago, Air Mobility was just a vision. Today, with Urban-Air Port’s efforts, we are taking a giant step towards making it a reality. We at Munich Airport International see enormous potential in this new, immensely versatile mode of transportation. Partnering with Urban-Air Port[®] has allowed us to join forces in designing, implementing and operating scalable and sustainable vertiports around the world.”*

Councillor Jim O’Boyle, cabinet member for jobs, regeneration and climate change at Coventry City Council, said: *“This city has a proud history of transport innovation and that legacy lives on with the landmark opening of Air-One.*



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“By harnessing the potential of advanced air mobility systems, this facility has the potential to revolutionise transport for the better. It's designed to reduce congestion which in turn will boost productivity while supporting climate change efforts by taking vehicles off the roads.

“We led the industrial revolution here in Coventry and now, with inventive facilities like this, we are leading the green industrial revolution too.”

About Air-One®

Air-One® is a 1700 square meter, prefabricated vertiport designed for both rapid assembly and disassembly. A central 17m diameter aircraft carrier – the largest of its kind in the world on-shore – serves as the FATO (Final Approach and Take-off) platform in the centre of the structure to support the take-off and landing of eVTOL vehicles. The interior is fully built out and allows the public to explore various passenger and operational zones, such as the passenger lounge, food, beverage and retail offerings, aircraft command and control centre, charging/refuelling and maintenance hangar and a dedicated cargo logistics hub and passenger processing and boarding zones. On display inside Air-One is a full-sized model of Supernal's initial concept vehicle, S-A1, as well as electric vehicles. Drone demonstrations will be conducted throughout Air-One®'s entire stay in Coventry. Air-One® is located at Westminster Car Park, in the centre of Coventry (CV1 3fZ). Members of the public interesting in attending can sign up for tickets at www.urbanairport.com/aironeevent.

About Urban-Air Port Limited

Urban-Air Port Limited is developing fully autonomous zero-emission ground infrastructure for new forms of sustainable urban air transport such as air taxis and autonomous delivery drones. Its mission is to remove the largest single constraint to sustainable air mobility – ground infrastructure – in order to create a zero-emission-mobility ecosystem that will significantly cut congestion and air pollution from passenger and cargo transport.

Urban-Air Port is recognised as a world leader in the Advanced Air Mobility sector, with plans to deliver over 200 vertiports across the world in the next five years – ultra-compact, rapidly deployable, operations hubs for manned and unmanned vehicles providing aircraft command and control, charging/refuelling, and cargo and passenger loading. The world-first Air-One® project in Coventry City Centre is open to the public from 25th April 2022.

The company is backed by major international partners. Urban-Air Port's team of innovators, aeronautical engineers and aerospace experts have worked at companies including Airbus, Foster + Partners, Arup, JP Morgan, Knight Frank, British Aviation Group, Qinetiq and Uber, and in the UK Defence Sector. Visit www.urbanairport.com for more information and follow us on Twitter and LinkedIn.

About Supernal

Supernal (Su-per-nal) is a U.S.-based mobility service provider on a mission to redefine how people move, connect, and live. We are developing an Advanced Air Mobility eVTOL vehicle and working to responsibly co-create the supporting ecosystem and integrate it into existing transit options. As part of Hyundai Motor Group, we are both a new business and an established company, with plans to harness our automotive manufacturing heritage to make Advanced Air Mobility accessible to the masses. Visit www.supernal.aero for more information and follow us on Twitter and LinkedIn.

About Coventry University's National Transport Design Centre

Coventry University's National Transport Design Centre has been focusing on understanding the customer journey and making the urban airport accessible, easy to navigate and a pleasure to use. They are also



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and Innovation



Coventry City Council



using immersive Virtual Reality to allow people to experience and contribute to the design of this innovative transport system of the future.

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ⁱⁱ [Global Urban Air Mobility Market to Reach £12.4 Billion by 2027](#)

ⁱⁱⁱ <https://www.ainonline.com/aviation-news/general-aviation/2019-05-10/urban-air-mobility-market-pegged-1-trillion>

^{iv} <https://ntrs.nasa.gov/citations/20190001472>