



SUPERNAL'S
EVTOL VISION



EVTOL

INNOVATIONS

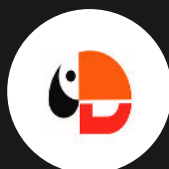
REVOLUTIONIZING URBAN MOBILITY: HYUNDAI'S SUPERNAL
PROJECT - THE FUTURE OF ELECTRIC AIR TRAVEL



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Introduction

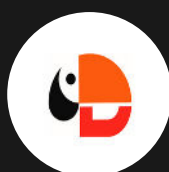
Hyundai's Supernal project is an ambitious initiative in the field of Advanced Air Mobility (AAM). It includes the development of an Electric Vertical Takeoff and Landing (eVTOL) aircraft, named S-A2, designed for intra-city passenger travel. This aircraft, presented at CES 2024, is a five-seater electric vehicle, including the pilot.



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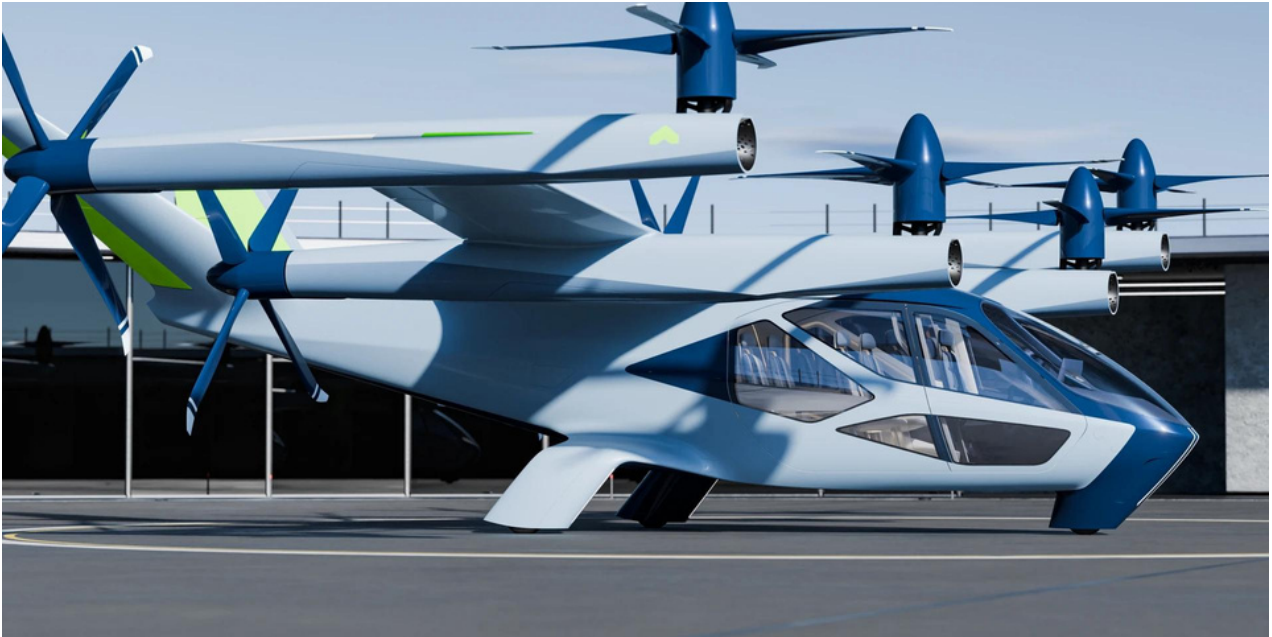


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EVTOL S-A2



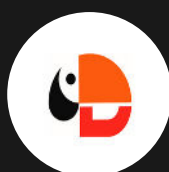
The S-A2 is designed to meet typical urban operation needs with flights ranging from 25 to 40 miles, cruising at a speed of 120 miles per hour at an altitude of 1,500 feet. The vehicle features a distributed electric propulsion architecture and eight tilting rotors. It is designed to operate as quietly as a dishwasher during vertical takeoff and landing phases, and even more quietly during horizontal flight.



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COMMERCIAL OPERATIONS



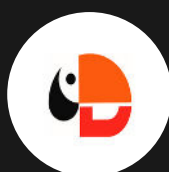
Hyundai plans to start commercial operations with this vehicle in 2028. To ensure passenger safety and comfort, the S-A2 incorporates commercial aviation technologies and automotive design, offering an attractive and human-centric passenger experience. The company is also working on integrating vertiports, which will be the boarding and disembarking points for these vehicles. These vertiports will be strategically located in cities and connected to other modes of transportation, such as robotaxis, cars, buses, trains, and ride-sharing services.



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PARTNERS

Honeywell

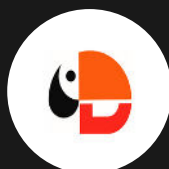
Supernal is collaborating with a variety of partners, including technology companies and municipal authorities, to develop the necessary infrastructure and ensure the effective integration of this new form of transportation into cities. Among its partners, Honeywell is working with Supernal to develop a ground control station that will enable unmanned AAM operations.



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HYUNDAI

HYUNDAI
MOTOR GROUP

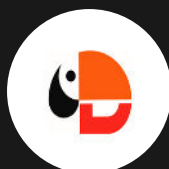
This project is part of Hyundai Motor Group's broader commitment to innovation in mobility and sustainability, aiming to create transportation solutions that are not only technologically advanced but also environmentally responsible and integrated with existing urban communities.



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