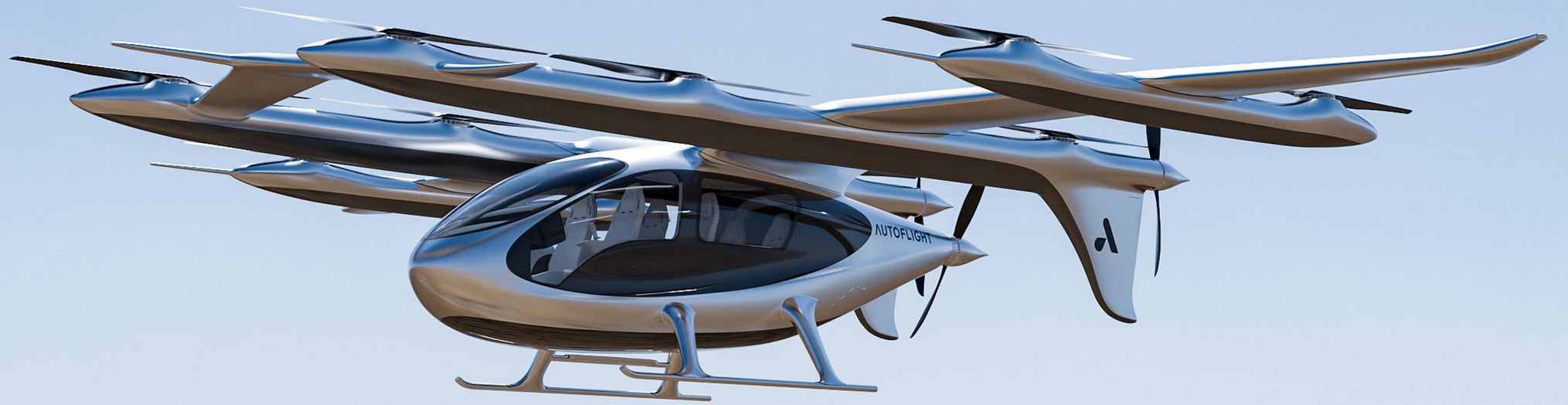
AUTOFLIGHT

V2000EM PROSPERITY



2-tonne class 6-seated manned eVTOL

V2000EM Prosperity

Through advanced electric propulsion technology and a stable, highly efficient flight architecture, we provide a brand-new mode of transportation for intercity and intracity travel.

The quiet, fast and sustainable flight experience enables seamless integration into the future urban air mobility network.

Efficient Urban Commuting

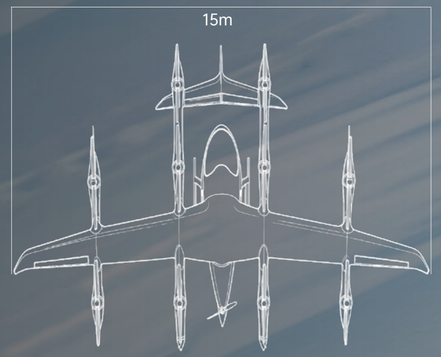
Breaking through the limitations of traditional ground transportation, we connect urban nodes via direct flight routes, drastically reducing travel time across rivers, mountains or congested areas, and delivering a brand-new efficient experience for urban commuting.

Flexible Deployment for Takeoff and Landing

Relying on electric vertical takeoff and landing (eVTOL) capability, operations can be completed with a site of only approximately 20m × 20m.It can be flexibly deployed at urban vertiports, business districts or transportation hubs to achieve efficient connectivity.

Quiet and Sustainable Operations

The fully electric propulsion system significantly reduces operational noise and carbon emissions, enabling better integration into future urban transportation systems while ensuring efficient mobility.



Aircraft Dimensions

	Parameters
Wingspan	15 m
Length	11.6 m
Height	3.3 m

Payload Capability

Number of seats	1+5 seats
Cabin volume	3.6 m^3
Luggage Compartment Volume	0.5 m^3

Aircraft Weight

Maximum Take-off Weight (MTOW)	2400 kg

Propulsion & Energy System

Propulsion Type	All-Electric

Performance

Operational Range	200 km
Maximum Operating Altitude	3000 m

*For detailed information, please refer to the V2000EM Flight Manual.

Spacious Cabin Experience

Six-seat Configuration | Panoramic Visibility | Comfortable Journey

Featuring a six-seat cabin layout, we achieve a spacious and orderly passenger space within a compact airframe structure, meeting crew and passenger configuration requirements for urban air mobility scenarios.

Large-area windows and an open interior design together deliver exceptional outward visibility, offering passengers a more natural and relaxed flight experience.

The combination of ergonomic seats, independent environmental control, and lightweight interior structures ensures a stable and comfortable cabin environment while maintaining safety and efficiency.

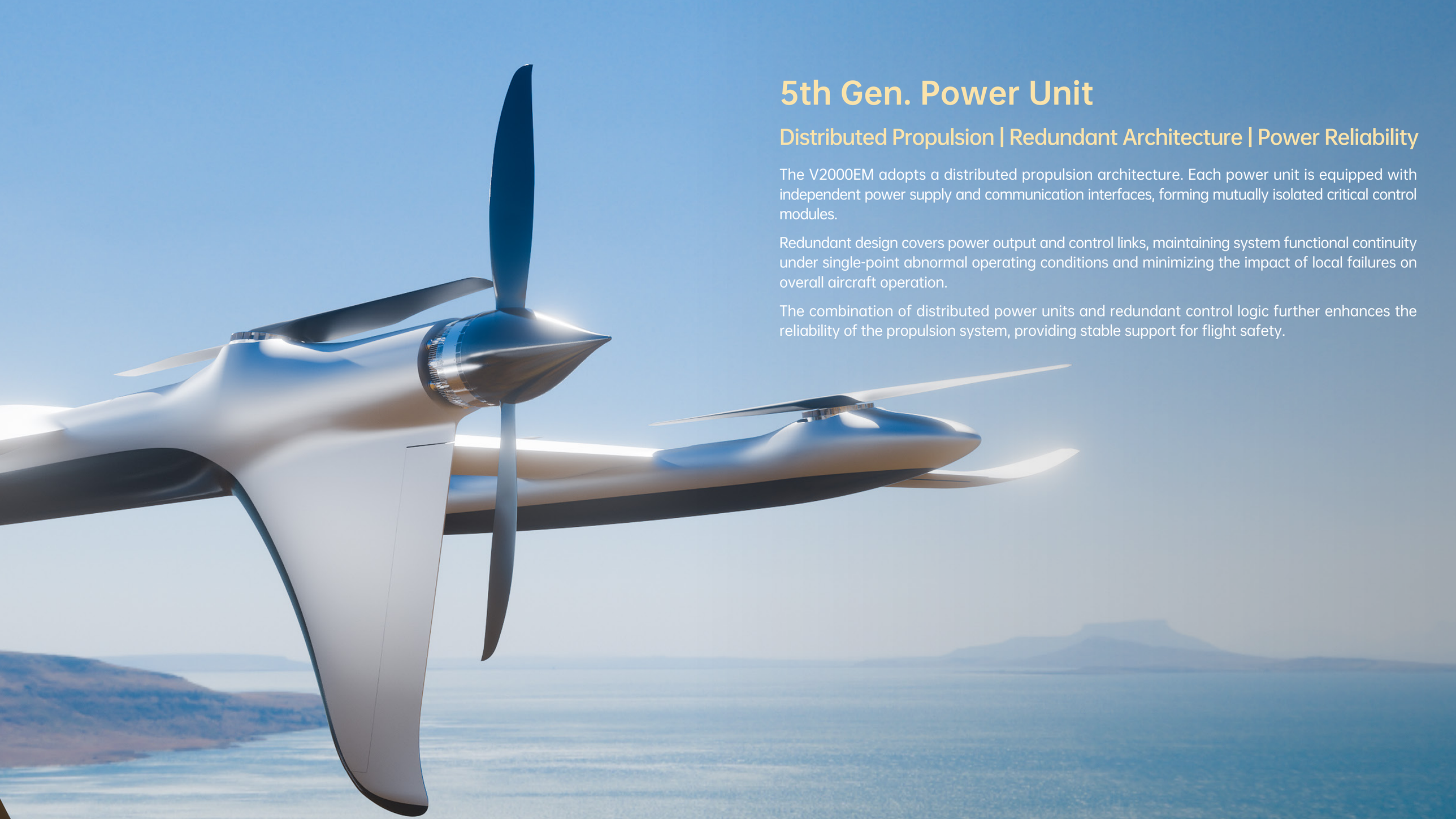
Advanced Flight Control and Avionics System

Triple-Redundant Flight Control | Integrated Avionics | Digital Cockpit

The triple-redundant flight control computing platform continuously performs cross-verification of critical data. Even in the event of a single system anomaly, the aircraft can maintain stable flight, ensuring the safety and reliability of the overall system.

The integrated digital cockpit centrally displays flight information, system status and navigation data, enabling pilots to monitor and control flight conditions more intuitively and efficiently.The V2000EM adopts an advanced flight control and avionics system architecture.

Through multi-redundancy design and real-time data verification mechanisms, it delivers stable and reliable control capabilities for flight operations.



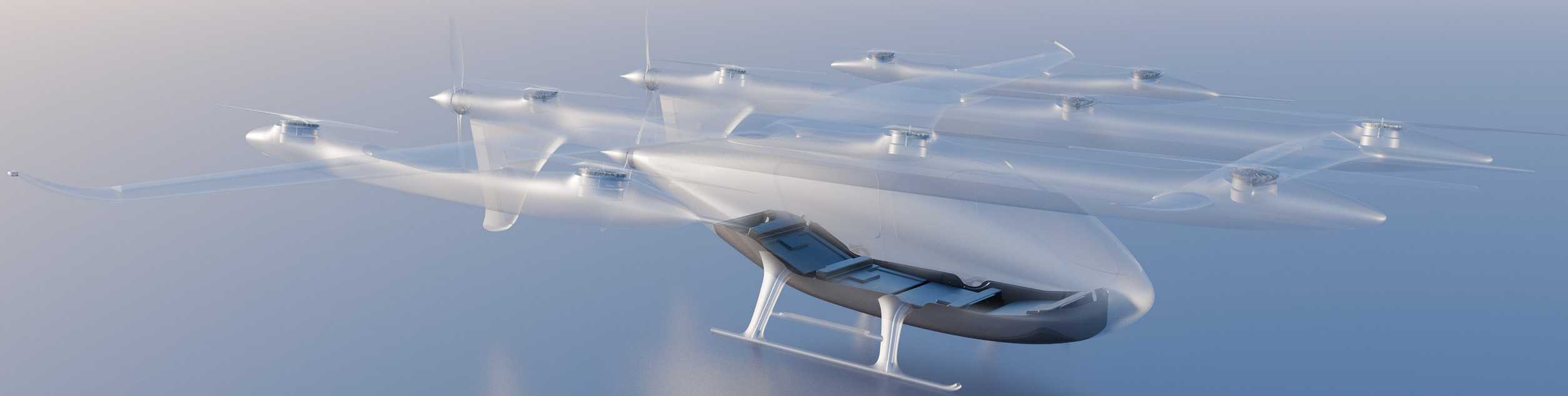
5th Gen. Power Unit

Distributed Propulsion | Redundant Architecture | Power Reliability

The V2000EM adopts a distributed propulsion architecture. Each power unit is equipped with independent power supply and communication interfaces, forming mutually isolated critical control modules.

Redundant design covers power output and control links, maintaining system functional continuity under single-point abnormal operating conditions and minimizing the impact of local failures on overall aircraft operation.

The combination of distributed power units and redundant control logic further enhances the reliability of the propulsion system, providing stable support for flight safety.



Energy Storage System

Independent Battery Packs | Multi-Layer Protection | Energy Safety

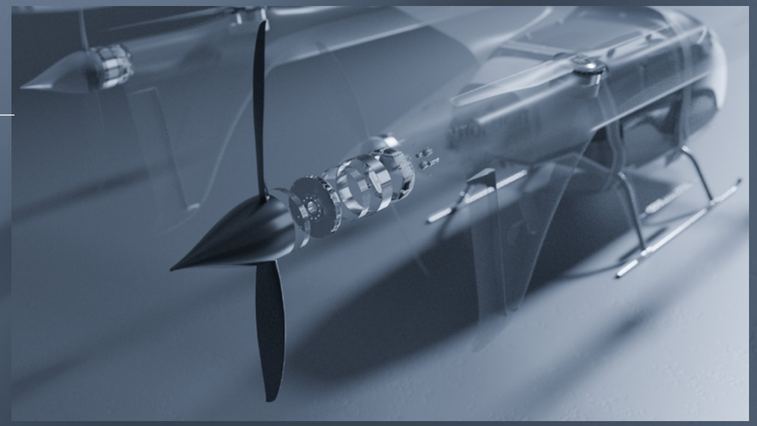
The architecture features multiple sets of mutually independent battery packs, forming a distributed energy layout that meets the aircraft's requirements for safety and reliability of the energy storage system.

The battery system integrates thermal management, protective isolation, and state monitoring functions, continuously monitoring key operating parameters to establish end-to-end energy safety management capability throughout the entire operation.

In the event of an anomaly in a single battery pack, the independent energy storage architecture can still maintain the necessary flight functions and energy supply for safe landing, improving the operational resilience of the entire aircraft.

Intelligent Health Monitoring System

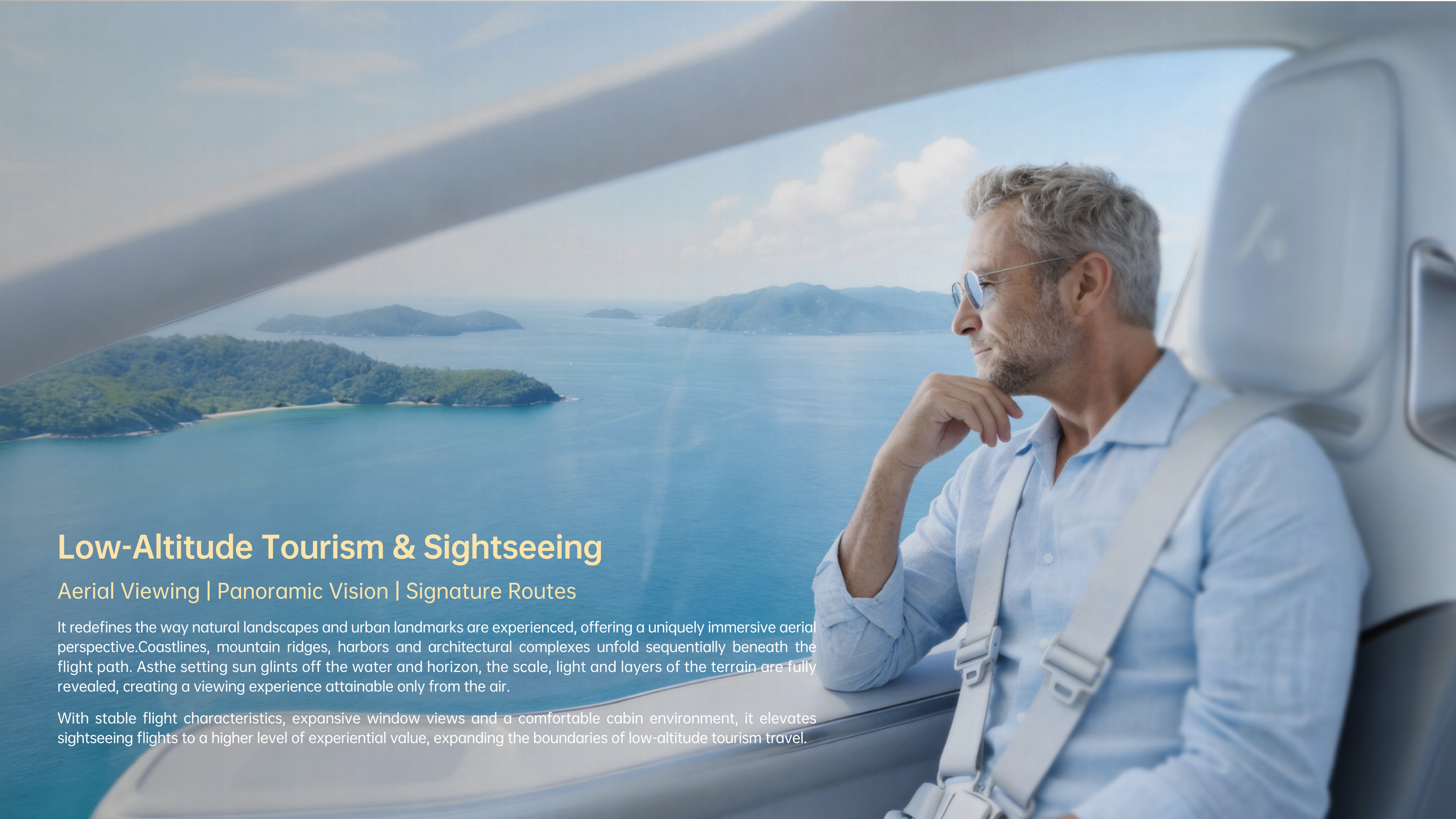
Health Monitoring | Intelligent Diagnosis | Risk Early Warning



The aircraft is equipped with an intelligent health monitoring system, which conducts continuous monitoring and data analysis on the status of critical aircraft systems, enabling real-time assessment of the overall operational condition. The system covers the entire process of pre-flight inspection, in-flight monitoring and post-flight diagnosis. Through multi-source data fusion and algorithmic analysis, it performs ongoing health evaluation for the propulsion system,flight control system and key equipment.

Abnormal state identification, risk alerting and system isolation mechanisms together form proactive safety protection capabilities, ensuring operational stability and safety of the aircraft.

Continuous system diagnosis and health management capabilities significantly improve overall vehicle reliability, pro-viding a robust safety foundation for urban air mobility operations.



Low-Altitude Tourism & Sightseeing

Aerial Viewing | Panoramic Vision | Signature Routes

It redefines the way natural landscapes and urban landmarks are experienced, offering a uniquely immersive aerial perspective.Coastlines, mountain ridges, harbors and architectural complexes unfold sequentially beneath the flight path. Asthe setting sun glints off the water and horizon, the scale, light and layers of the terrain are fully revealed, creating a viewing experience attainable only from the air.

With stable flight characteristics, expansive window views and a comfortable cabin environment, it elevates sightseeing flights to a higher level of experiential value, expanding the boundaries of low-altitude tourism travel.

Urban Commuting Capability

6-Seat Cabin | 200 km Range | City Cluster Connectivity

With a 6-seat cabin layout and nearly 200-km range, the V2000EM meets the demand for efficient mobility within and between cities and city clusters.

Its direct-route connectivity breaks through the limitations of ground transportation networks and congested road conditions, significantly reducing commuting time between urban nodes and improving overall transport efficiency.

In a city-cluster operating environment, the V2000EM enables rapid connections between urban nodes, expands regional transport coverage, and delivers stable operational capability for the urban air mobility network.

After-Sales Service & Support

Full-lifecycle customer support system to deliver continuous, professional and scalable operational assurance services,ensuring the aircraft maintains safe, efficient and reliable operation at all times.

Flight Operations Support

Professional flight and airspace support, including new route planning and full-process operational monitoring, to ensure safe and efficient execution of flight missions.

Maintenance & Engineering Support

Scheduled inspections, maintenance and technical modification services, strictly maintaining aircraft performance in accordance with standards to ensure optimal technical condition at all times.

Personnel & Team Training

Comprehensive qualification training covering the entire flight and maintenance system, helping customers build a highly professional and coordinated team.

Disassembly, Assembly & Transportation Support

Professional solutions for aircraft disassembly, assembly and transportation,ensuring safe and controlled processes to meet aircraft transfer needs in various scenarios.

Air Material & Equipment Support

Supplying genuine original airworthy materials and provide complete inventory management services, guaranteeing a stable and reliable supply chain to support continuous operations.

Operational Support Services

Based on professional analysis of operational data, we provide decision support for customers to optimize cost structure and improve operational efficiency.

Full-Lifecycle "Worry-Free Program"

Based on full-lifecycle service capabilities, we provide an integrated support solution covering assurance, maintenance, and risk management, helping customers establish a predictable and scalable commercial operation system.

Comprehensive Assurance System

Focusing on key risks and assurance needs in aircraft operations, we integrate liability insurance, airframe maintenance, component replacement, and annual maintenance services to form a unified and coordinated support framework.

Customized Support Model

Based on flight hours, mission intensity, and operational phases, we provide multi-cycle and configurable assurance solutions to align service investment with fleet development.

Long-Term Value Enhancement

By improving cost certainty, enhancing operational resilience, and reducing the risk of unplanned downtime, we support customers in continuously optimizing fleet efficiency and asset value performance.

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