



## AutoFlight V5000 Matrix Concludes Heterogeneous Three-Aircraft Formation Flight, Officially Kicks Off Airworthiness Certification

### Descrizione

COMUNICATO STAMPA CONTENUTO PROMOZIONALE

KUNSHAN, China, May 24, 2026 /PRNewswire/ AutoFlight has successfully completed a demonstration flight of a heterogeneous three-aircraft formation, consisting of one V5000 Matrix and two V2000-series eVTOL aircraft. The mission has validated key capabilities including communication links, route planning, flight coordination and safety control across 5-ton and 2-ton platforms. It also demonstrates AutoFlight's system integration and multi-aircraft coordinated operations in low-altitude logistics, emergency response, maritime support, and regional air transport networks.

As a flagship in AutoFlight's From Small to Big, From Cargo to Passengers product portfolio, the V5000 Matrix is designed for heavy-lift, long-range and point-to-point high-value missions. Following its transition flight in February 2026, the cargo hybrid-electric variant V5000CGH has officially entered airworthiness certification, moving from R&D validation to a standardized airworthiness approval process.

The V5000CGH features a 5,700 kg maximum takeoff weight, 1.5-ton payload, 14 m<sup>3</sup> cargo hold (for two AKE containers), a cruise speed of 280 km/h and a 1,500 km range. It breaks through limits of payload, range and cost, expanding eVTOL applications into long-haul, heavy-duty logistics.

Furthermore, the V5000CGH supports large-scale emergency rescue, offshore energy supply and inter-provincial heavy feeder logistics, upgrading traditional slow delivery to fast, flexible low-altitude transport.

AutoFlight upholds a safety-first, regulation-driven approach. Its airworthiness team brings experience from ARJ21-700, C919 and Diamond DA42 programs. AutoFlight's V2000CG CarryAll has obtained CAAC's full airworthiness certificates (TC, PC, AC), while the V2000EM Prosperity is in compliance

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demonstration.

AutoFlight will continue strict airworthiness compliance to accelerate V5000CGH testing, flight trials and certification, advancing heavy-payload long-range eVTOL into commercial use and building sustainable low-altitude logistics infrastructure.

Video [https://mma.prnewswire.com/media/2986599/V5000\\_Matrix.mp4](https://mma.prnewswire.com/media/2986599/V5000_Matrix.mp4)Photo <https://mma.prnewswire.com/media/2986598/image1.jpg>

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