VERTICAL AEROSPACE SELECTS ISOCLIMA AS STRATEGIC TRANSPARENCY PARTNER FOR VALO

News / Manufacturer



Vertical Aerospace has selected Isoclima S.p.A., a global leader in high performance transparent solutions, as a strategic supplier for the Valo aircraft. Under the agreement, Isoclima will design and manufacture the full transparency suite for Valo, including pilot and passenger canopies and glazing systems. This long-term partnership provides supply stability and technical continuity as Vertical advances the Valo programme through certification, production and entry into commercial service.?

Aircraft transparencies are certification-critical components. For eVTOL aircraft, they must withstand high operational cycles, bird-strike requirements, structural loads and environmental stress - while maintaining exceptional visibility and durability.

Early engagement with a proven supplier is essential to protecting certification timelines and reducing programme risk. Isoclima’s vertically integrated capabilities, including in-house bird-strike testing and advanced modelling, will support the Valo programme into commercialisation.

Isoclima is a recognized global partner in aerospace transparencies, supplying certified glazing systems to global OEMs. Beyond aerospace, Isoclima also operates across high performance, safety-critical sectors, including civilian armored vehicles and high performance cars, defense and

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security, rail and high-speed mobility, high-end yachting, security architecture and advanced technologies collaborations.

This cross-sector expertise in complex, transparent solutions enables continuous innovation in materials, geometries, and performance, directly benefitting next generation aerospace platforms like Vertical in its strategy of partnering with experienced industrial suppliers capable of scaling production. The agreement further formalises the core supply chain for Valo, alongside Honeywell, Aciturri, Evolito and Syensqo.

Stuart Simpson, CEO at Vertical Aerospace, commented: “Delivering Valo requires world-class partners with deep certification expertise and proven manufacturing capability. Isoclima brings both. This partnership strengthens our supply chain and supports our path to bringing a certifiable, scalable aircraft to market.”

Liviana Forza, CEO, at Isoclima, stated: “We are proud to partner with Vertical Aerospace on the Valo programme. This collaboration reflects our commitment to enabling next-generation mobility through advanced, certified transparencies. Leveraging our aerospace heritage and cross-sector innovation capabilities, we are well positioned to support Valo from development through certification and into industrial scale production.”

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