

AT EBACE 2024, VOLTAERO & SKY2SHARE WILL FOCUS ON CASSIO AIRCRAFT INNOVATION, SUSTAINABILITY AND SAFETY

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VoltAero and SKY2SHARE business-to-business air transport operator are joining forces at EBACE 2024 to highlight their vision for sustainable regional mobility – combining VoltAero’s electric-hybrid Cassio aircraft with SKY2SHARE’s solution for private business flights that will be truly sustainable. VoltAero is welcoming the SKY2SHARE executive team on its exhibit stand. Also present at EBACE in the static exhibit area will be VoltAero Cassio S testbed aircraft, which has validated company’s parallel electric-hybrid propulsion system during more than 220 flights, covering more than 10,000 km.

As a VoltAero strategic partner, SKY2SHARE has ordered Cassio airplanes for integration into its fleet, supported by a sales structure, after-sales MRO service, and backed by a dedicated training center – all managed on behalf of private owners, either independently or in co-ownership. Utilizing the Cassio aircraft with VoltAero’s innovative parallel electric-hybrid propulsion system, SKY2SHARE will apply its own optimized operating while also removing residual emissions from the atmosphere through CO2 removal by Direct Air Capture.

Selim Franko, the CEO of SKY2SHARE, commented: “SKY2SHARE’s disruptive model will

demonstrate that private business aviation can be socially and environmentally sustainable with better financial performance. Benefitting from Cassio's 'clean sheet' design, we will have an airplane that delivers an order of magnitude higher performance and provides significantly lower operational costs."

Jean Botti, VoltAero's CEO & Chief Technology Officer, said: "As a future Cassio operator, SKY2SHARE is to serve as a business multiplier that offers much lower environmental impact than regular commercial flights with less costs and more productivity."

SKY2SHARE pre-order with VoltAero begins with the five-seat Cassio 330 configuration, and retains the forward flexibility to incorporate the six-seat Cassio 480 and 12-seat Cassio 600 versions.

VoltAero patented Cassio parallel electric-hybrid propulsion concept is unique, with the aircraft using an electric motor in its aft fuselage-mounted propulsion unit for all-electric power during taxi, takeoff, primary flight (if the distance traveled is less than 150 km.), and landing. The hybrid feature – with the internal combustion engine integrated in the powertrain – comes into play as a range extender, recharging the batteries while in flight. Additionally, this hybrid element serves as a backup in the event of a problem with the electric propulsion, ensuring true fail-safe functionality.

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