



# VOLTAERO CASSIO WILL BE PRESENTED TO THE PUBLIC FOR THE FIRST TIME AT THE FRANCE AIR EXPO

News / Events / Festivals, Manufacturer



**VoltAero has chosen the France Air Expo trade fair to present, for the first time to the public, its Cassio hybrid-electric aircraft.**

**VoltAero is developing a family of hybrid electric aircraft for uses that include commercial flights on point-to-point regional routes, air taxi / charter operations performed by regional airlines, deployment in various utility category applications, but also for private owners.**

**The aircraft will be offered in three versions that can accommodate four to ten seats, each of which shares a high degree of modularity and similarity.**

**"We are particularly proud to welcome the Cassio as a world premiere at the 2021 edition of the France Air Expo. VoltAero is a French company, based in Nouvelle-Aquitaine, demonstrating, if it is still needed, that our aviation industry is ready to meet the challenge of the aviation of the future.**

**France Air Expo, which will open its doors on June 17-18-19, 2021 at Lyon-Bron airport, will also offer conferences on the themes of the aircraft of the future, among others.**

VoltAero's proprietary Cassio design is based on a sleek, aerodynamically-optimized fuselage, a forward fixed canard, and an aft-set wing with twin booms that support a high-set horizontal tail.

Seating from four to 10 persons, Cassio will have a flight duration of at least 3.5 hours – providing a highly-capable and reliable general aviation platform for private owners, air taxi/charter companies, commercial flights for point-to-point regional travel, and for use in other utility-category (cargo, postal delivery, Medevac) applications.

It will be certified to Europe's EASA CS23 certification specification as a single-engine, general aviation category aircraft, and is designed from the start for a low cost of ownership.

Cassio will be offered in three versions, each sharing a high degree of modularity and commonality:

- Cassio 330, a four-seat configuration with propulsion from a combined hybrid-electric power of 330 kilowatts;
- Cassio 480, configured with six seats and a hybrid-electric propulsion power of 480 kilowatts;
- Cassio 600, with a 10-seat capacity and hybrid-electric propulsion power of 600 kilowatts.

The VoltAero flight demonstrator, the Cassio 1 aircraft, is validating Cassio's powertrain configuration, de-risking it for airworthiness certification.

Initial deliveries are targeted for 2023, beginning with the four-seat Cassio 330 version.

Cassio aircraft will be produced at a purpose-built final assembly line in the Nouvelle Aquitaine region of southwest France, with VoltAero leading a world-class team of partners and suppliers. Licensed production opportunities will be pursued in North America and Asia.

At full rate, VoltAero anticipates producing approximately 150 aircraft annually.

## **Performance**

- Autonomy: 3.5 hours (extension possible to 5 hours)
- Range: 800 miles
- Cruise speed: 200 knots
- Take-off/landing distance: less than 1,800 feet
- Maximum takeoff weight: Under 2.5 metric tons (EASA CS23 certification)
- Availability: 10 hours/day (equivalent to approximately eight rotations daily)



10 MAY 2021

**ARTICLE LINK:**

<https://to.50skyshades.com/news/manufacturer/voltaero-cassio-will-be-presented-to-the-public-for-the-first-time-at-the-france-air-expo>