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- INTEGRAL -

Birth of the new generation of two-seater airplanes, 100% French
and environmentally conscious

AURA AERO will be at the 2019 International Paris Air Show (SIAE) to unveil a new range of aircraft called "INTEGRAL".

INTEGRAL is a range of two-seater airplanes designed for aerobatics, civilian and military pilot training and pleasure travel.

The range is composed of two models, ***INTEGRAL S*** & ***INTEGRAL R***. These two aircraft offer complementary features depending on the needs of operators. They combine high performance, a future-proofed design and unparalleled operational efficiency.

Safety is a core element of these two designs. All aircraft will be equipped with a ballistic parachute recovery system, crash-resistant tanks and crash-resistant, energy-absorbing seats, a first in their class.

In terms of performance, ***INTEGRAL*** can stand high load factors (+9/-9G for the single-seat version), which allows for intense aerobatic operation. Other characteristics include a cruising speed of 180 knots (335 kph), a range exceeding 1,000 km and a useful load of up to 330 kilograms. Being environmentally friendly is another core element of the project, through the use of carbon-wood, a lightweight composite material that is easy to implement and repair.

The third core element is ergonomics: ***INTEGRAL*** boasts the largest cockpit of its class. The next-generation control panel and the ergonomic seats maximize the use of the aircraft, particularly during training sessions.

*"INTEGRAL's dynamic lines emphasize and reinforce its aerobatics heritage. The cockpit brings this stylistic and ergonomic approach to the inside: a pure design, simple, efficient and timeless, created in collaboration with **Sylvain Mariat**, our Head of Design", says **Jérémy Caussade**, **AURA AERO's** President and Lead Engineer.*

The fourth core element is operational cost management. Maintenance is optimized at the design level: the aircraft is equipped with a "systems" bay, and you can replace the engine in less than one hour thanks to a "plug and play" propulsion system. This allows for immediate access to the vital parts of the aircraft, saving time during periodic inspections. A dedicated digital system for operational and maintenance reporting will be offered to clients.



All these features, combined with VFR/IFR capability, give **INTEGRAL** the edge it needs to conquer a market in constant evolution. The advent of new operational needs requires aircraft that are capable of fulfilling these new roles, like Upset Prevention and Recovery Training (UPRT).

The aircraft are currently undergoing the EASA CS23 certification process. They will also be proposed in kit version. The first deliveries are planned for as soon as 2020. The first flight is scheduled for next August, the first step in an intensive flight-testing campaign that will take place over several months.

Series production is under preparation in two production sites in France. Final assembly will take place in the Occitania region in the south of France.



About AURA AERO:

AURA AERO will celebrate its first year of existence in August and boasts a combined 40 years of experience in aircraft development, production, sales and after sales support, from single seaters to long-range four-engine airliners.

AURA AERO's three co-founders, **Jérémy Caussade**, **Fabien Raison** and **Wilfried Dufaud**, carry the company's fundamental values: the transfer of French aviation industry know-how, operational excellence and awareness of contemporary environmental issues.

Press Kit (Download):

<https://www.dropbox.com/sh/hacgd0azoaneq/AADNyClSfBTeuIYouQ4vIdpXa?dl=0>

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