

PRESS RELEASE

Eurosatory, Paris, France, 15 June 2026

AURA M reveals the new design of ENBATA, its sovereign, certified multi-mission MALE drone

At Eurosatory, AURA M, the defense division of AURA AERO, unveils the new design of *ENBATA*, its sovereign multi-mission MALE drone. *ENBATA* marks a new milestone with an architecture optimized for robustness, maintenance, modularity, and the integration of next-generation sensors.

Designed to meet the needs of armed forces in demanding theaters of operation, *ENBATA* combines endurance, payload capacity, an open digital architecture, and controlled costs. The drone is intended for a wide range of missions: long-range strategic intelligence, armed reconnaissance, electronic warfare, maritime surveillance, communications relay, and counter-drone operations.

The design presented by AURA M supports this operational ambition. The aircraft features a deliberately simple metal fuselage, designed to facilitate production, maintenance, and field repairs. The wings, tail surfaces, and nose utilize composite materials, optimizing weight, aerodynamic performance, and the integration of mission equipment. The nose of *ENBATA* has been progressively refined. Offering easy access for system maintenance, it is also designed to adapt as effectively as possible to the evolution of onboard sensors. It already incorporates modern solutions for both radar and communications, featuring flat, space-saving antennas.

A drone designed to operate from rudimentary airfields

ENBATA was designed for rapid deployment and implementation. Transportable in a 40-foot container, it is designed to be deployed by an A400M to the theater of operations along with its dedicated ground station. Its landing gear and low-pressure tires were specifically designed to adapt to rudimentary or unprepared runways.

This deployment capability complements *ENBATA*'s advertised performance: up to 55 hours of endurance, 25,000 feet of operational altitude, 160 ktas cruise speed, 17-meter wingspan, and up to 1,050 kg of payload, including fuel and mission load.

A certifiable and scalable architecture

Powered by a diesel engine paired with a variable-pitch propeller, *ENBATA* features an open architecture with fly-by-wire controls, designed to facilitate the rapid integration of new software capabilities and mission systems. *ENBATA*'s EASA certification will be a major differentiator: it should allow the drone to operate in non-segregated airspace, paving the way for dual-use missions and more flexible deployments, whereas traditional MALE systems are generally confined to dedicated or strictly military environments. This design philosophy will enhance the aircraft's operational safety and availability.

High-Level Mission Management

ENBATA aims to advance drone control by issuing high-level commands: operators define objectives, areas of interest, and mission priorities, while the system assists with the execution, monitoring, and adaptation of the flight plan. This approach reduces the cognitive load on crews, optimizes the use of human resources, and facilitates the execution of long, complex, or multi-sensor missions.

ENBATA is thus part of a new generation of aerial systems where the operator remains at the heart of decision-making but relies on an intelligent platform to gain in efficiency, operational endurance, and responsiveness.

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The Sphere Awareness System: 360° Awareness of the Flight Environment

ENBATA integrates the Sphere Awareness System, an environmental analysis solution designed to improve drone safety and efficiency. A drone's field of view is often limited by its primary payload. ENBATA expands this perception through a network of smart cameras distributed across the aircraft. The system monitors the environment around the drone, detects the entry of an aircraft or object into a defined perimeter, alerts operators, automatically activates a live video feed, tracks the target in real time, and captures images useful for analysis. This 360° awareness bubble allows operators to remain focused on the primary mission while benefiting from constant monitoring of the drone's immediate surroundings. The Sphere Awareness System exemplifies AURA M's approach, which is to provide more onboard intelligence without unnecessarily complicating the platform.

A sovereign, mass-produced platform designed for the armed forces

With ENBATA, AURA M aims to offer a sovereign, ITAR-free European solution designed for large-scale production and simplified deployment. Design-to-cost, simplicity of form, the judicious use of metal and composite materials, and the integration of existing systems all contribute to the goal of controlled costs.

"ENBATA was designed as a tool for operational superiority: durable, robust, modular, and capable of rapidly evolving with the needs of the armed forces. Its new design, unveiled at the Eurosatory exhibition, reflects our commitment to constantly adapting to the realities on the ground and seizing the opportunities that arise," states General (Ret.) Stéphane Mille, President of AURA M.

ENBATA exemplifies AURA M's mission: to support the armed forces from requirements definition through to the operational product, leveraging the prototyping, certification, and production capabilities of a European aerospace manufacturer.

Discover ENBATA: <https://www.aura-aero.com/en/enbata>

More information on AURA M: <https://www.aura-aero.com/en/aura-m>

Useful information

- Show: Eurosatory
- Dates: 15 to 19 June 2026
- Location: Paris Nord Villepinte exhibition center, Paris, France
- Booth: AURA M - Hall 4 – Booth C25

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About AURA AERO:

A pioneer in low-carbon aviation, AURA AERO is committed to serve mankind by designing and manufacturing aircraft that accelerate air transport decarbonization. By combining the best in the aeronautical industry with state-of-the-art digital technologies, AURA AERO produces new generation aircraft with unrivaled efficiency: INTEGRAL, the two-seater training aircraft with an aerobatics capacity, and ERA, the 19-seater hybrid-electric regional aircraft. Founded in 2018, AURA AERO is based at Toulouse-Francazal airport in France and employs nearly 250 people. Having obtained design and production approvals, the company confirms its status as a fully recognized aircraft manufacturer.

AURA AERO is supported by the Occitanie Region, the BPI (French Public Investment Bank) and venture capital firm Innovacom. Laureate of the European fund EIC Accelerator, of Innovation Fund as well as the France Relance and France 2030 programs, AURA AERO is a member of the steering committee of AZEA (Alliance for Zero Emission Aviation), and is one of the 16 founder-companies of the European Future Mobility Taskforce. AURA AERO is one of the rare companies to have received the European Union's STEP seal, which highlights projects developing innovative technologies in the field of energy, industry and digital technologies for applications related to space.

AURA AERO is proud to be the first aerospace company selected by the European Innovation Fund to receive a grant financed through carbon credits, as defined by the 'EU Emissions trading System' (ET ETS) - one of the world's largest funding programs for the deployment of innovative low-carbon technologies.

About AURA M:

AURA M is the defense subsidiary of AURA AERO. It develops sovereign aerospace solutions for the armed forces, drawing on the group's industrial, digital, and certification capabilities. Its product range covers initial training, intelligence, drones, collaborative capabilities, and tactical mobility, all with the same goal: to offer scalable, industrially viable systems that remain under control throughout their entire lifecycle.

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