MAGNIX SAMSON BATTERIES TO POWER BYE AEROSPACE'S EFLYER PROTOTYPE TRAINING AIRCRAFT

News / Manufacturer

Bye Aerospace has chosen magniX Samson battery product to power its eFlyer 2 aircraft prototype. Bye Aerospace has ordered Samson batteries for the first flight of the two-seat all-electric training aircraft, scheduled for early 2026.magniX's Samson batteries offer industry-leading energy density, unmatched cycle life of over 1,000 full-depth discharge cycles, and patented safety technologies. Drawing on magniX's extensive real-world electric flight experience, they are engineered to simplify aircraft integration while enabling longer ranges, higher payloads, and greater time in service. Beyond aviation, Samson batteries are designed for scalability across defense, industrial, and stationary energy storage applications.

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Bye Aerospace is addressing the critical pilot shortage facing the aviation industry. Flight schools are under pressure to train more pilots efficiently and affordably. Bye Aerospace's eFlyer aircraft are disrupting this space with dramatically lower operating costs, exceptional performance, and zero-emission electric propulsion – making pilot training more accessible while advancing a cleaner, more sustainable future for aviation.

Reed Macdonald, CEO of magniX commented: "The selection of magniX as the new battery provider for the eFlyer 2 aircraft prototype demonstrates the trust that leading companies such as Bye Aerospace are placing in Samson as the safest, most advanced battery system for electric aviation. We look forward to the first flight and to building a deep partnership with Bye Aerospace, which is doing tremendous work in demonstrating the technological and commercial potential of electric aircraft."

Rod Zastrow, CEO of Bye Aerospace stated: "As we approach the first flight of our full-scale eFlyer 2 prototype, Bye Aerospace is proud to lead the next generation of pilot training with disruptive, all-electric aircraft technology. This milestone marks a critical step in our mission to deliver dramatically lower operating costs, enhanced reliability, and sustainable performance for flight schools. Our collaboration with magniX during the eFlyer 2 prototype phase brings together our innovative airframe with magniX's proven electric power systems, laying the foundation for a cleaner, more efficient future in aviation training."

The order from Bye Aerospace follows the announcement in July of magniX's partnership with Robinson to develop an electric helicopter demonstrator based on its popular R66 model. Together, these milestones highlight the accelerating adoption of Samson by companies requiring advanced, certifiable battery systems across aerospace platforms.

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