

Evolito plans to add a hybrid-electric option to its existing suite of battery-power solutions as the electric propulsion specialist grows its portfolio under the direction of newly appointed...

In July 2022, Evolito acquired and later integrated Electroflight batteries into the business to offer complete propulsion solutions that are fully optimised for future aircraft applications, which Holme said was an exciting step for the company and electrification as a ...

Evolito, a privately-owned company designing and manufacturing world-leading electric motors and controllers for aerospace applications, has today announced the acquisition of the business and assets of Cheltenham-based aerospace battery solutions company Electroflight.

Propulsion Solutions for Electric & Hybrid Aviation . Evolito offer a new approach to electric propulsion, generation and energy storage. With revolutionary, lightweight, high torque dense and rate-manufactured axial-flux electric motors at its core, Evolito provides all key subsystems for an electric aircraft optimised for performance, safety and profitability:

OXFORD, England--(BUSINESS WIRE)--Evolito, a privately-owned company designing and manufacturing world-leading electric motors and controllers for aerospace applications, has today announced the ...

Evolito's battery solutions have been designed to allow for rapid development of an Expandable Energy Storage System for a variety of fully electric and hybrid aerospace projects. Modular architecture allows the Electrical Power System (EPS) to be tailored to the needs of the platform without needing a tailor-made design; complete flexibility ...

Evolito's ultra-high-performance, low-weight axial-flux motors and power electronics are smaller, lighter and more robust than any other competing technology, opening up a range of new opportunities for Electric Vertical Take-off and Landing (eVTOL), Fixed Wing and distributed electric propulsion applications such as Urban Air Mobility (UAM).

Evolution is a range of sophisticated Start/Stop (SS) batteries to accommodate the growing evolution, as more new vehicles are manufactured using SS technology systems. These batteries require significantly more cranking power and a far better ability to recharge than a conventional automotive starting battery. The Evolution battery is manufactured in a unique way using a ...

UK-based electric aircraft propulsion company Evolito has bought battery company Electroflight. Evolito was itself spun out of electric motor company YASA last year and is developing lightweight electric motors and controllers for aerospace applications. With the acquisition of Electroflight, Evolito will now be able to offer



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complete electric ...

Evolito at the Electric and Hybrid Aerospace Technology Symposium. Posted on September 1, 2023 - aerospace, latest news We are delighted to be attending & sponsoring the Electric & Hybrid Aerospace Technology Symposium in Bremen, Germany (27th & 28th September). This is the world's leading international conference and exhibition dedicated to ...

Electric motor manufacturer Evolito is eyeing a three-year timeframe for the certification of its first product following the recent granting of Design Organization Approval (DOA) status from the...

Evolito, a privately-owned company designing and manufacturing world-leading electric motors and controllers for aerospace applications, has today announced the acquisition of the business and assets of Cheltenham-based aerospace battery solutions company Electroflight. Evolito supplies high-performance, low-weight axial-flux motors and controllers that are ...

Evolito was spun out in 2021 by electric motor and controller pioneer YASA (now a wholly owned subsidiary of Mercedes-Benz) READ the latest Batteries News shaping the battery market. Electric Propulsion Company Evolito Acquires Aerospace Battery Company Electroflight to Create Full Powertrain Solutions Capability, OXFORD, England, July 5, 2022

Battery Systems & Management Evolito's compact motor controller units (MCUs), or inverters, have been designed for seamless integration with our Axial Flux electric motors. Designed to the highest safety standards, our MCU's achieve Development Assurance Level A (DAL A), featuring a dual lane design for physical channel segregation to ...

Evolito offers a comprehensive, integrated electric propulsion solutions comprising of axial flux motors, motor controller units, and electric battery solutions. Our holistic approach enables considered trade-offs between each ...

Evolito provides the world's most advanced direct drive & in-direct drive electric propulsion solutions for Fixed-Wing and Electric Vertical Take-Off, and Landing (EvToL) applications.. The Urban Air Mobility market alone is ...

Evolito offers a comprehensive, integrated electric propulsion solutions comprising of axial flux motors, motor controller units, and electric battery solutions. Our holistic approach enables considered trade-offs between each component to achieve the most efficient, redundant and cost-effective solution for all aircraft architectures: eVTOLS ...

Evolito has received Design Organisation Approval (DOA) from the UK Civil Aviation Authority (CAA) for electric propulsion system products. The UK CAA's approval of Evolito as a Design Organisation demonstrates that it is satisfied that Evolito has the technical expertise, facilities and capabilities to design safe



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and reliable products, and is able to comply ...

Evolito offer a new approach to electric propulsion, generation and energy storage. With revolutionary, lightweight, high torque dense and rate-manufactured axial-flux electric motors at its core, Evolito provides all key subsystems for an electric aircraft optimised for performance, safety and profitability:

Evolito Battery Systems Ltd is an active company incorporated on 28 June 2022 with the registered office located in . Evolito Battery Systems Ltd has been running for 1 year 7 months. There are currently 2 active directors according to the latest confirmation statement submitted on 27th June 2023.

Battery Solutions; About; News; Events; Team; Careers; Contact Us; Search for: Search Button. About Us. News; Events; Team; Aerospace Solutions ... Search for: Search Button. Get in touch. To find our more about working with Evolito or want to know more about all-electric flight, contact us via this form. Evolito Ltd Unit 1-3 Charles Shouler ...

Evolito Limited, a developer of axial-flux electric motors, power electronics and battery solutions for aerospace, has received Design Organisation Approval (DOA) from the UK Civil Aviation Authority for electric propulsion system products.

Evolito offers a comprehensive, integrated electric propulsion solutions comprising of axial flux motors, motor controller units, and electric battery solutions.. Our holistic approach enables considered trade-offs between each component to achieve the most efficient, redundant and cost-effective solution for all aircraft architectures: eVTOLS, UAM, UAV, helicopters or General ...

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