

Evolito Achieves UK's First DOA for Electric Propulsion Systems Posted on December 5, 2023 - aerospace, latest news The UK's Civil Aviation Authority (CAA) have awarded Evolito the UK's first Design Organisation Approval (DOA) for an ...

The unique Evolito axial flux motor design gives it a high power-to-weight ratio. Lightweight electric motors can power a diverse range of aircraft types. Bicester, UK-based Evolito plans to match demand for electric aircraft once regulators enable large-scale revenue flights by designing electric powertrains that are efficient, lightweight and ...

The requirement is to achieve high levels of battery power and energy density, offset by the equally crucial demand to keep battery weight at a minimum; getting this balance right is crucial to enhance the overall performance of the systems whilst adhering to the regulations of safety and reliability.. Our capabilities span every aspect of electric aviation's battery requirements ...

Our full propulsion system of axial flux electric motors, motor controller units and battery systems are enabling electric flight to become a reality. ... Evolito was spun out in 2021 by YASA, (the world-leading pioneer of automotive axial-flux ...

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 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 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 ...

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...

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Electrical Power System ...

We are pleased to announce that Evolito has acquired innovative battery company Electroflight, to offer a fully integrated powertrain and battery solutions to our customers. Our high-performance, low-weight axial-flux motors and controllers are smaller and lighter with a higher safety factor than any other competing electric propulsion technology.

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...

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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:

Following the acquisition, Electroflight will become a wholly-owned subsidiary of Evolito and will focus on delivering next-generation battery technology to complement Evolito's unique motors...

Following the acquisition, Electroflight will become a wholly-owned subsidiary of Evolito and will focus on delivering next-generation battery technology to complement Evolito's motors and controllers.

Filing history for EVOLITO BATTERY SYSTEMS LTD (14200304) People for EVOLITO BATTERY SYSTEMS LTD (14200304) More for EVOLITO BATTERY SYSTEMS LTD (14200304) Registered office address Units 1-3 Charles Shouler Way, Bicester, United Kingdom, OX25 2DS . Company status Active

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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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.

Web: <https://mzanzipestcontrol.co.za>

