Electric power systems bye aerospace

In the same new release, Executive Vice President and General Manager Power at Safran Electrical & Power, Hervé Blanc, said: "Safran product lines with the ENGINeUS motors, rated from 50kW to 500kW/1MW and ...

Two and four-seater electric aircraft. Bye Aerospace intends to certify with the FAA (Federal Aviation Administration) the eFlyer 2 and the eFlyer 4, 100% electric two-seater and four-seater aircraft respectively, intended for professional pilot training and air taxi missions.

Our GENeUSGRID system will further support the eFlyer 800 architecture design with dissimilar distribution components that ensure a full protection against all potential dysfunctional behaviors of a high voltage electrical propulsion system." Bye Aerospace is in the process of obtaining FAA Part-23 certification for the eFlyer 2 for the ...

DENVER, Colorado - April 22, 2021 - Bye Aerospace has announced an eight-seat all-electric twin turbo-prop class airplane, the eFlyer 800(TM), in response to growing demands for ...

Bye Aerospace, developer of the eFlyer family of all-electric aircraft, and Safran Electrical and Power, a world leader in aircraft electrical systems, announced that a Cooperation Agreement has been signed to equip the eFlyer 2 and eFlyer 4 aircraft with the ENGINeUS electric smart motors. Bye Aerospace is FAA-certifying the two-seat, all ...

Learn about the exciting changes that eFlyer 2 and eFlyer 4 can bring to your operation. All-electric propulsion based on world-leader in electric propulsion-Safran. Minimal noise, no fuel, no emissions, simple, self-contained, no overhauls or maintenance for many years. All-electric power based on certified energy storage system aka battery provider (forecast). Gold-standard ...

In the same new release, Executive Vice President and General Manager Power at Safran Electrical & Power, Hervé Blanc, said: "Safran product lines with the ENGINeUS motors, rated from 50kW to 500kW/1MW and GENeUSGRID systems, perfectly fit with the Bye Aerospace portfolio of e-aircraft." Blanc added: "Building upon our successful ...

EV Engineering News Bye Aerospace unveils 8-seat all-electric eFlyer 800. Posted April 30, 2021 by Charles Morris & filed under Newswire, The Vehicles.. Denver-based Bye Aerospace has unveiled an 8-seat all-electric ...

Bye Aerospace, developer of the eFlyer family of all-electric aircraft, and Safran Electrical & Power, a world leader in aircraft electrical systems, announced that a Cooperation Agreement has been signed to equip ...

DENVER, Colorado - Bye Aerospace has revealed it is developing an eight-seat all-electric twin turboprop

class airplane, the eFlyer 800. Performance estimates for the eFlyer 800 include up to 320 knot cruise speed, 35,000 feet ceiling, and 500 nm range with 45-minute IFR reserves at normal cruise speed of 280 knots, according to company officials.

Bye Aerospace"s eFlyer 800 is a clean-sheet design that will carry eight people, including one or two pilots. The 800 will have two motors, powered by a grid of electric cells across the airframe.

Smarter electrical solutions for a better flight Safran Electrical & Power is one of the world"s leaders in aircraft electrical systems. It is a key player in the equipment electrification & in the electric and hybrid propulsion sector. Mastering the on-board energy system, the company designs and provides modular, innovative and optimized architectures and solutions.

I founded Bye Aerospace in 2007 to build electric planes and capitalize on three advances in particular. The first one is improved lithium-ion batteries. The second is efficient and lightweight electric motors and controllers.

Bye Aerospace, developer of the eFlyer family of all-electric aircraft, and Safran Electrical & Power, a world leader in aircraft electrical systems, announced that a Cooperation Agreement has ...

Bye Aerospace, developer of the eFlyer family of all-electric aircraft, and Safran Electrical & Power, a world leader in aircraft electrical systems, announced that a cooperation agreement has been signed to equip the eFlyer 2 and eFlyer 4 aircraft with the ENGINeUS electric smart motors. Bye Aerospace is FAA-certifying the two-seat, all ...

Bye Aerospace, developer of the eFlyer family of all-electric aircraft, and Safran Electrical & Power, a world leader in aircraft electrical systems, announced that a Cooperation Agreement has been signed to equip the eFlyer 2 & eFlyer 4 aircraft with the ENGINeUS(TM) electric smart motors. Bye Aerospace is FAA-certifying the two-seat,all ...

Bye Aerospace and Safran jointly announced the development of a fully electric twin-engine eight-seater aircraft, the eFlyer 800. ... rated from 50kW to 500kW/1MW and Geneusgrid systems, perfectly fit with the Bye Aerospace portfolio of e-aircraft," said Hervé Blanc, Executive Vice President and General Manager Power with Safran Electrical ...

Learn about the exciting changes that eFlyer 2 and eFlyer 4 can bring to your operation. All-electric propulsion based on world-leader in electric propulsion-Safran. Minimal noise, no fuel, no emissions, simple, self-contained, no overhauls or maintenance for many years.

Electric aircraft development programs at Ampaire and Bye Aerospace both achieved milestones this week. News. A-E. Acoustic & Vibration ... rated from 50kW to 500kW/1MW and GENeUSGRID systems, perfectly fit with the Bye Aerospace portfolio of e-aircraft," said Hervé Blanc, Executive Vice President

and General Manager Power with Safran ...

The collaboration between Bye Aerospace and Safran Electrical & Power on eFlyer 2 and 4 continues with eFlyer 800. ... rated from 50kW to 500kW/1MW and GENeUSGRID systems perfectly fit with the ...

Bye Aerospace"s eFlyer 800 can fly at a maximum cruise speed of 592.6km/h. Credit: Bye Aerospace. The all-electric aircraft can be operated at only one-fifth the cost of traditional twin turboprops. Credit: Bye Aerospace. eFlyer 800 can reach an altitude of 35,000ft with a maximum payload of 1540lb. Credit: Bye Aerospace.

Bye Aerospace has announced the development of the eFlyer 800, an eight-seat all-electric twin turboprop aeroplane. ... rated from 50kW to 500kW/1MW and GENeUSGRID systems, perfectly fit with the Bye Aerospace portfolio of e-aircraft," said Hervé Blanc, executive vice president and general manager power with Safran Electrical & Power ...

LYNNWOOD, Wash., March 24, 2022 - Crane Aerospace & Electronics, a segment of Crane Co. (NYSE:CR), has been selected to provide its new High Voltage DC-DC Converter to Bye Aerospace - an aircraft manufacturer applying clean, all-electric propulsion systems to its airplane designs. Crane A& E"s new converter will be placed on Bye Aerospace ...

The Electrical Systems team identifies and develops next-generation electrical systems to advance a more electric future for airborne propulsive systems (MW, kV class) and secondary systems (sub-kW to kW power supplies, conversion solutions and actuation).

Crane Aerospace & Electronics, a segment of Crane Co., has been selected to provide its new High Voltage DC-DC Converter to Bye Aerospace - an aircraft manufacturer applying clean, all-electric propulsion ...

In his talk, Bye noted that the electric 172 would weigh about 1,300 pounds empty, including a 168 horsepower UQM 125 motor, batteries, and a Vertical Power monitoring system. That weight would be maintained even with a projected hybrid package that would use a GSE OCX-1226 engine as part of a series configuration, the Diesel engine being used ...

Aircraft systems design use case: Bye Aerospace - digital twin of electric eFlyer aircraft Electrifying the propulsion system is among the most critical priorities for the aerospace industry. However, the power density that this requires generates thermal concerns, electrical system integration challenges and increased interactions between ...

Bye Aerospace has taken the final step toward first flight of the all-electric Sun Flyer 2.The company announced that a test pilot for the two-seat low-wing airplane has conducted several ...

Web: https://www.eriyabv.nl

Chat online: https://tawk.to/chat/667676879d7f358570d23f9d/1i0vbu11i?web=https://www.eriyabv.nl