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Magnus Aircraft and Siemens make electric airplane eFusion fly

- **First electric airplane completely designed and built in Hungary**
- **Successful maiden flight on April 11**

The all-electric airplane Magnus eFusion has made its maiden flight at the Matkópuszta airfield in Kecskemet, Hungary on April 11. The eFusion of Magnus Aircraft Corp. is a two-seat side-by-side low-wing monoplane with non-retractable tricycle landing gear. The empty weight of 410 kg includes the batteries and the ballistic recovery system. The aircraft has a maximum takeoff weight of 600 kg.

Siemens designed a safe and robust battery system for aviation use and optimized the electric propulsion system for application in the cost-sensitive segments of Very Light, Light Sport and Ultra Light Aircraft.

„The maiden flight of the eFusion is another important milestone in electric aviation“, says Frank Anton, head of eAircraft at Siemens. “The aircraft will serve as a flying test bed for our further battery system optimization.”

The project features a significant value-add from the Hungarian subsidiary of Siemens, with the team in Budapest having contributed to developing a fully electric drive system for the aircraft in close cooperation with the German colleagues at Siemens’ headquarters.

The electric aircraft has the potential to be used for pilot training as well. “Magnus gave the eFusion aerobatic capability, so it can serve for upset recovery training for airliner pilots”, says Imre Katona, CEO of Magnus Aircraft Corp.

Demand for this training exists worldwide and is usually served by high-power two-seater aircraft at high operation cost. The eFusion will allow performing upset recovery training environmentally friendly and at low operation cost.

You can see a short video and pictures about the **eFusion** here:

<http://magnusaircraft.com/efusion>

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MAGNUS AIRCRAFT CORPORATION is a high-tech driven joint venture that was established and registered in Kecskemet, Hungary.

Magnus Aircraft's development, production and the management team has gathered over 10 years of experience in the field of research and development at the Corvus firm that was producing different type of UL, LSA category aircrafts and also the Corvus Racer R540 formula one aircraft as well.

In the past 3 years the Fusion multipurpose aircraft was successfully developed for the UL, LSA and VLA category. It is a perfect combination of Racer's racing heritage and the most advantage composite technology.

Magnus Aircraft Corporation as a center of the international group, recently establishing the final assembling facilities in Russia and USA. The international network of dealers and agents is also well established, but still looking for new family members. As a key strategy of the Magnus team it offers not only the product but the whole combined package as product and professional pilot training together. The Scandinavian group member AURTE Organization supplies the Up Set Recovery and Aerobatic training to the Magnus buyers which guarantees the secure and professional way of flying with the very unique aircraft.

Magnus Aircraft niche is the unique solution to combine world class technology with quality production capability in the heart of Europe. Further information is available on the Internet at <http://magnusaircraft.com>.

Siemens AG (Berlin and Munich) is a global technology powerhouse that has stood for engineering excellence, innovation, quality, reliability and internationality for more than 165 years. The company is active in more than 200 countries, focusing on the areas of electrification, automation and digitalization. One of the world's largest producers of energy-efficient, resource-saving technologies, Siemens is No. 1 in offshore wind turbine construction, a leading supplier of gas and steam turbines for power generation, a major provider of power transmission solutions and a pioneer in infrastructure solutions as well as automation, drive and software solutions for industry. The company is also a leading provider of medical imaging equipment – such as computed tomography and magnetic resonance imaging systems – and a leader in laboratory diagnostics as well as clinical IT. In fiscal 2015, which ended on September 30, 2015, Siemens generated revenue of €75.6 billion and net income of €7.4 billion. At the end of September 2015, the company had around 348,000 employees worldwide. Further information is available on the Internet at <http://www.siemens.com>.