



The E-ROP features a 1.2-metre front electric sustainer (FES) developed by LZ Design

IF IT looks like an Antares it's because AdvanTec used the fuselage and wings of the 20E for this electric and rotary-engined hybrid plane. The AdvanTec 01 FES, E-ROP, has a front electric sustainer (FES) motor in place of the Antares 20E's tall mast-mounted motor.

AdvanTec GmbH has been developing a hybrid electric powertrain for many possible application scenarios, including light aircraft, since 2016. E-ROP benefits from an advanced

battery package, designed for a range of 150km and, later, 450km. The goal is to achieve 2,500km, with the integration of range extender.

The two glider pilots behind AdvanTec, Stefan Senger and Stefan Gorkenant, also run DreamWings for those wishing to explore the Alps with an experienced pilot.

- www.advantecgmbh.de
- www.dreamwings.eu/en-gb

Klaus Ohlmann made the maiden flight of the E-ROP on 19 April from Augsburg, Germany (Torsten Paps)



A one-piece instrument panel, battery modules and fairing for the wingtip wheels were created with 3D-printed parts