

How to imagine, build and fly a zero-fuel airplane of unlimited endurance, able to fly around the world. A psychiatrist-explorer, an engineer-entrepreneur, a multidisciplinary team, partners and patrons to ...

Skydweller Aero aims to produce the world's first commercially viable "pseudo-satellite" -- a solar-powered airplane capable of staying in the sky for months at a time. Skydweller is pictured...

Swiss pilot Raphael Domjan beat the altitude record for a solar-powered electric plane in a flight that took him soaring to 9,521 meters, or 31,237 feet, his team announced Wednesday.

Solar-powered planes won't be flying people to their next vacation spot anytime soon. But these prototypes, most of which operate without humans, could lead to new alternatives for aerial ...

The Solar Impulse project kickstarted with the mission to complete the first circumnavigation flight around the globe in a solar-powered aircraft that solely uses clean-green solar ...

Led by Swiss pioneers Bertrand Piccard and André Borschberg, the project successfully developed a series of solar-powered aircraft that achieved impressive milestones in sustainable flight.

After 14 months of travel and 550 hours in the air, the plane had accomplished what many had deemed impossible: traveling 25,000 miles around the world--over four continents, two oceans ...

[3] The aircraft is a single-seated monoplane powered by photovoltaic cells; it is capable of taking off under its own power. The prototype, often referred to as Solar Impulse 1, was designed to remain ...

A Swiss pilot just set a record for the highest solar-powered flight, showing a clean-energy possibility for aviation.

Domjan, described as an "eco-adventurer" and lecturer, flies planes, gliders, and helicopters. He aims to be the first to take a solar-powered plane above 10,000 meters, the same ...

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