

Title: Solar powered airplane

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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...

Credits: AeroVironment Inc. A remotely piloted solar aircraft has demonstrated it can hover in the stratosphere to provide cellular networks in isolated areas. It also demonstrated remote ...

Solar-powered planes are designed to capture energy from the sun through photovoltaic panels mounted on their wings and fuselage. These panels convert sunlight into electricity, which is ...

We're reimagining what's possible by building a fleet of the world's largest autonomous, solar-powered aircraft. Every Skydweller aircraft is made out of carbon fiber, has a wingspan the size of a 747, can ...

In 2015, when Solar Impulse 2 soared through the air with a wingspan wider than a Boeing 747, it became the first solar airplane to complete an oceanic crossing, flying from Japan to ...

At Airbus, we are working to use this alternative renewable energy source to power high-endurance stratospheric flight. Our advances in solar cell technology enable unmanned aerial vehicles to stay ...

A Swiss pilot just blasted past 31,000 feet on pure sunlight, appearing to break the existing solar-flight altitude record and proving the future of aviation can run on clean energy.

Solar-powered aircraft are electric aircraft that can be an airplane, blimp, or airship and use either a battery or hydrogen to store the energy produced by the solar cells and use that energy at night ...

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