

The Solar Impulse 2 concluded its journey Monday, becoming the first aircraft to circumnavigate the globe without a drop of liquid fuel. And while we won't be boarding sun-powered commuter ...

Sunrise, the world's first solar-powered airplane, took to the skies in 1974. Solar-powered airplanes have come a long way since then. Solar-powered airplanes, as opposed to ordinary ...

When Bertrand Piccard and André Borschberg succeeded in flying 43,000 km around the world in a solar-powered airplane without using a drop of fuel, it was more than a historic first, it was a ...

At 4:05am local time today, an atypical plane landed on a tarmac in Abu Dhabi: Si2, a futuristic aircraft entirely powered by solar energy. It was imagined and built by the two ...

Although Centurion represented the state of the art in solar-powered flight at that time, it was just another rung on the ladder toward achieving semi-perpetual flight for extended ...

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 aloft in the stratosphere for extended ...

Solar Impulse is a Swiss long-range experimental solar-powered aircraft project, and also the name of the project's two operational aircraft. [1] The privately financed project is led by Swiss engineer and businessman André Borschberg ...

After the 8 world records set by the Solar Impulse prototype, when it became the first solar airplane ever to fly through the night, between two continents, and across the United States, Bertrand Piccard and André Borschberg ...

Another problem with solar-powered flight is harnessing enough energy for speed. "There is a cubic relationship between speed and how much power is needed to move an object through ...

Zephyr is a solar-electric aircraft, with secondary batteries that recharge during the day for night flight. Discover more about AALTO Strat-Observer Strat-Observer is a new generation Earth ...

Skydweller Aero shared Thursday that it completed the world's first successful autonomous/uncrewed flight of a large solar-powered aircraft in the U.S., taking off from the Stennis International Airport (HSA) in a solar ...

A solar-powered aircraft has successfully completed its first high-altitude flight into the stratosphere. The unmanned Phasa-35 has the wingspan of an airliner and is intended for ...

Our flagship programme, Zephyr, is a high-altitude pseudo-satellite that is powered exclusively by solar power. Known as a high-altitude platform station (HAPS), it can fly non-stop for months at a time. Zephyr provides two key ...

The Airbus Zephyr S completes a successful 2021 test flight campaign in the United States. The final Airbus solar-powered High Altitude Platform System (HAPS) flight touched down on 13th ...

An effort to fly a solar-powered plane 20,000 miles around the world began Monday when the Solar Impulse 2 took off from Abu Dhabi in the United Arab Emirates and ...

The solar-powered aircraft Solar Impulse was designed to remain airborne day and night without using a drop of fuel. The plane's exceptional aerodynamic performance and ...

Web: <https://www.sailesindustrialmachinery.co.za>