Bae system solar

The aircraft"s next iteration, currently under construction in Hampshire, UK, will feature double the solar power generation and storage capacity, aimed at enabling more extended and ...

It features a fully solar-powered system, a lightweight design and a wingspan of 35 meters, including a relaunch capability in just two days. During testing, the PHASA-35 carried an ...

Amprius" long-life battery and highly efficient solar technology allow the aircraft to potentially maintain flight for up to a year, operating in the upper regions of Earth"s atmosphere.

Prismatic Ltd have been working with uncrewed stratospheric air systems since 2011, with team experience reaching back to the early 2000s. This led to the development of PHASA-35, a solar ...

British aerospace giant BAE Systems has achieved a significant milestone in developing its solar-powered high-altitude pseudo-satellite (HAPS) uncrewed aerial vehicle, PHASA-35.

BAE Systems" solar drone flies for 24 hours straight at staggering 66,000 feet The latest trials also saw the aircraft carry an active intelligence, surveillance & reconnaissance sensor.

UK engineers have carried out a new set of successful test flights of the PHASA-35 uncrewed, solar-powered aircraft.

London, September 2025 - At the Defence & Security Equipment International (DSEI) exhibition, BAE Systems and its subsidiary Prismatic Ltd unveiled the PHASA-35, a solar-powered, high-altitude ...

The new model has more than twice the onboard solar power generation and storage capacity than the current version. These modifications are expected to allow it to demonstrate ...

Designed by Prismatic Ltd, a subsidiary of BAE Systems, the aircraft can operate above standard air traffic and meteorological conditions, making it ideal for long-term reconnaissance and ...

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