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Solar Powered Air Craft



Solar aircraft managed to make an international flight for 13 hours non-stop

Solar Impulse HB-SIA, Swiss-made solar aircraft successfully took off from Payerne airbase in Switzerland fly across geographical boundaries to Brussels, a distance of about 300 miles without constraint. Despite the low speed, the aircraft designed by Bertrand Piccard, flying at an altitude of 11,880 feet and fully powered by solar without emissions.

Solar Impulse equipped with 12,000 solar cells on the 64 meters wing span and can fly nonstop for 26 hours with power from battery charged by sunlight for 14 hours continuously. The aircraft that use high-tech solar airplane has four 10hp electric motors to drive four propellers. It also has a large Wingspan that allows store enough solar energy to run a long duration flight even at night.

In the inaugural international flight, the pilot was very satisfied with the performance of the aircraft. Furthermore, the aircraft will have the mission to fly across the Atlantic or even around the world.

For further information please visit <http://www.solarimpulse.com/>