

# Solar Impulse takes off on first intercontinental flight

May 24 2012

---



Pilot Andre Borschberg walks to the Swiss sun-powered aircraft Solar Impulse before takeoff in Payerne. The Swiss sun-powered aircraft Solar Impulse took off for Morocco on its first intercontinental flight attempt without using a drop of fuel.

The Swiss sun-powered aircraft Solar Impulse on Thursday took off for Morocco on its [first intercontinental flight attempt](#) without using a drop of fuel.

Pilot Andre Borschberg successfully launched the plane from an airfield in Payerne in western Switzerland at around 8:30am (0630 GMT), bound for Rabat via Madrid, after a two-hour delay due to foggy conditions.

If successful the 2,500-kilometre (1,550-mile) journey would be the longest to date for the craft after an inaugural flight to Paris and Brussels last year.

The high-tech aircraft, which has the [wingspan](#) of a large [airliner](#) but weighs no more than a saloon car, is fitted with 12,000 [solar cells](#) feeding four electric engines.

Borschberg was expected to land at Madrid's Barajas airport at about 1:00 am on Friday for a three-day technical stopover, organisers said.

Checks would be carried out and depending on the [weather conditions](#) second pilot Bertrand Piccard would depart for Rabat on Monday.

The trip is intended as a rehearsal in the run-up to the plane's round-the-world flight planned for 2014.

The aircraft made history in July 2010 as the first manned plane to fly around the clock on the sun's energy.

It holds the record for the longest flight by a manned solar-powered aeroplane after staying aloft for 26 hours, 10 minutes and 19 seconds above Switzerland, also setting a record for altitude by flying at 9,235 metres (30,298 feet).

(c) 2012 AFP

Citation: Solar Impulse takes off on first intercontinental flight (2012, May 24) retrieved 20 March 2024 from <https://phys.org/news/2012-05-solar-impulse-intercontinental-flight.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.