

Solar Impulse 2 sets distance record

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The solar-powered plane Solar Impulse 2 takes off from Muscat airport in Oman early on March 10, 2015, as it heads to Ahmedabad in India

Solar Impulse 2 has broken a distance record for solar-powered planes as part of its bid to be the first to circumnavigate the globe powered solely by the sun.

By the time it arrived in Ahmedabad, in western India on Tuesday, the plane had flown 1,468 kilometres (912 miles), the flight's organisers said. Solar Impulse project chairman and co-pilot Bertrand Piccard was

at the controls.

The plane's backers say it was the longest point-to-point distance flown by a [solar-powered plane](#), but the record must be confirmed by air sports governing body Federation Aeronautique Internationale.

Solar Impulse's CEO and co-founder Andre Borschberg set the previous record in Solar Impulse 1 when he flew 1,386 kilometres across the United States.

The aircraft touched down Tuesday in the western state of Gujarat at 11:25 pm local time (1755 GMT) to finish its trip from the Omani capital Muscat in little less than 16 hours.

The longest single leg of the planned circumnavigation will see one of the pilots fly solo non-stop for five days and nights across the Pacific from Nanjing, China to Hawaii, a distance of 8,500 kilometres—again smashing the record.

Solar Impulse 2 is powered by more than 17,000 solar cells built into wings that, at 72 metres, are longer than those of a Boeing 747 and approaching those of an Airbus A380 superjumbo.

In total the plane is to travel 35,000 kilometres and will cross two oceans. The circumnavigation, which is to take place in 12 steps, requires 25 days worth of flight time spread over five months.

The team hope to promote green energy with their round-the-world attempt, which was ridiculed by the aviation industry when it was first unveiled.

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