

## Foldable seats and touch-screen windows: The flight innovations shortlisted for the aviation 'Oscars' that will transform plane journeys

- Aircraft manufacturers, airlines, suppliers, engineering firms and universities have shortlisted designs
- Teams from 21 countries have unveiled concepts with some designed to give passengers more leg room
- Other innovations include unmanned trolleys, 3D-printed plane food and digital mirrors onboard aircraft

The plane cabins of the future may be here sooner than you think - and could mean more legroom for passengers and some fairly fancy digital wizardry if the aviation industry's innovators have anything to do with it.

The Crystal Cabin Awards have shortlisted 85 contenders for accolades in eight categories and are described as the 'Oscars' for futuristic cabin designs. Some entries are recently introduced products, others are concepts.



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Other Kickstarter projects such as the FaceCradle, which supports flyers heads while they sleep, have also made the shortlist.

Meanwhile a team from the University of Rio de Janeiro has pitched the idea of 3D printing in-flight meals.

Other exciting proposals include the In-2-Sense digital tray table by In-2-Tech, which can also work as a keyboard for tablets.

In the sustainable category notable entries include an environmentally friendly lavatory from Zodiac Aerospace.

There is also a Re-Trolley from Airbus for compressing litter while it passes through the cabin and engineering firm Altran has designed a cabin trolley that serves passengers without needing to be manned by flight attendants