



Flying V Aircraft

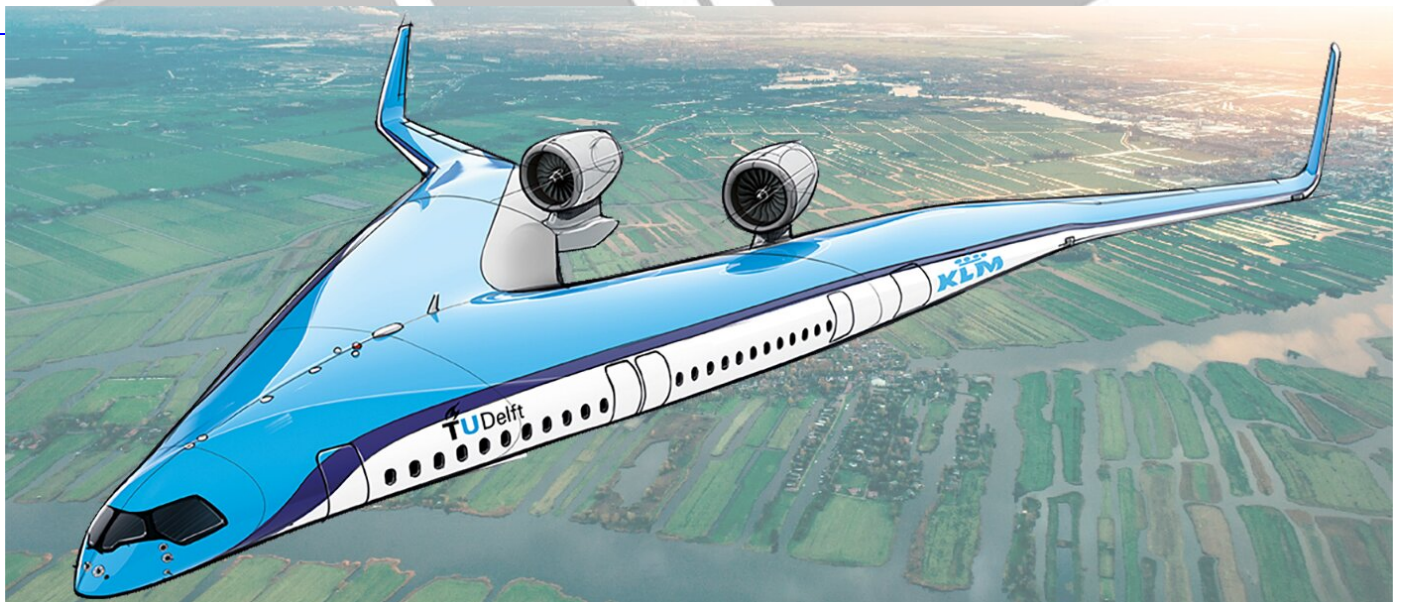
Why in News

A team of researchers and engineers along with a drone pilot from the **Dutch-based Technical University of Delft (TU Delft)** have successfully conducted the **first real test flight of the scaled model of the 'Flying V' aircraft.**

Key Points

- Flying V is a **futuristic and fuel-efficient long-distance aircraft** that could one day **carry passengers in its wings.**
- The Flying-V design, which **derives its name from its noticeable 'V' shape,** integrates the **passenger cabin, the cargo hold and the fuel tanks in the wings.**
- Computer calculations have predicted that the aircraft's improved aerodynamic shape and reduced weight will **reduce fuel consumption by 20%** compared to today's advanced aircrafts.
- The Flying-V **carries about the same number of passengers** - 314 in the standard configuration - and the **same amount of cargo, 160 m³.**
- The **original plan** for the Flying-V aircraft design came from TU Berlin student **Justus Benad.**
- The 'Flying V' project was **first presented at the 100th anniversary of the Dutch airlines KLM,** which has also been a partner in the project since its **beginning in 2019.** Various business partners including **Airbus** (an aerospace company), are now involved in the project.

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[Source: IE](#)

