

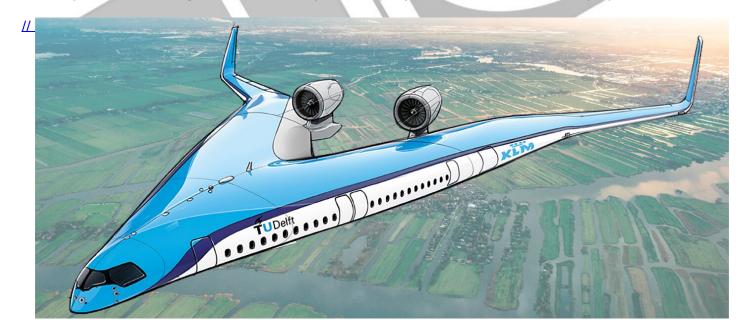
Flying V Aircraft

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.



Source: IE

