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# SpaceX Starship Successfully Reaches Orbit on 14th Test Flight

SpaceX successfully achieved orbital flight for its Starship megarocket for the first time during its 14th test flight from Texas.

Starship is a fully reusable, two-stage mega rocket developed by SpaceX designed to carry crew and cargo to Earth orbit, the Moon, Mars, and beyond.

## KEY EXAM POINTS

- **SpaceX** successfully placed its Starship megarocket into orbit for the first time on **September 28, 2026**.
- The launch took place from **Starbase** in **Texas** as part of an ambitious 14th test flight.
- The spacecraft stands more than **120 meters** (131 yards) tall and features a black-and-silver design.
- During this flight, **26 satellites** were successfully deployed into space.
- The mission also includes future objectives such as spacecraft **refuelling in orbit** for deep space missions.

## DID YOU KNOW..!?

**ISRO**'s heavy-lift launch vehicle capable of carrying heavy payloads is the **LVM3** (Launch Vehicle Mark 3), formerly known as GSLV Mk III.

The headquarters of the Indian Space Research Organisation (ISRO) is located in **Bengaluru**, Karnataka.

India's first lunar mission, **Chandrayaan-1**, was launched on **October 22, 2008**, using the PSLV-C11 rocket from Satish Dhawan Space Centre.

The Satish Dhawan Space Centre (SDSC), **Sriharikota**, is located in the Nellore district of **Andhra Pradesh**.

**Aryabhata**, India's first artificial satellite, was launched on **April 19, 1975**, from the Soviet Union using a Cosmos-3M launch vehicle.

The **Department of Space** (DoS) and the Space Commission formulate policies and oversee the implementation of the Indian Space Programme.

**REVISION FLASHCARD**

*SpaceX successfully achieved orbital flight for its 120-meter Starship megarocket for the first time during its 14th test flight.*

Syllabus Relevance: Important for current events related to global space exploration missions, reusable launch vehicles, and major technological advancements.

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