SpaceX Starship Targets First-Ever Orbit with Starlink V3 Satellites

SpaceX scheduled the 14th flight of its Starship rocket to achieve Earth orbit for the first time while deploying 26 Starlink V3 satellites.

SpaceX Starship is a fully reusable, two-stage heavy-lift launch system designed to carry both crew and cargo to Earth orbit, the Moon, and Mars.

KEY EXAM POINTS

- The **14th flight** of SpaceX's Starship rocket is scheduled on **September 28, 2026**, targeting Earth orbit.
- The mission aims to achieve **Earth orbit** for the first time in the Starship program's history.
- The launch includes the maiden deployment of **26** next-generation **Starlink V3 satellites**.
- The **Starlink V3** satellites are designed to enhance satellite internet capacity, speed, and reliability.
- The launch window opened at 7:15 am Central Time, corresponding to **5:45 pm IST**, lasting for **75 minutes**.

DID YOU KNOW..!?

ISRO's overarching commercial arm for marketing launch services is **NewSpace India Limited (NSIL)**, established in **2019**.

India's heavy-lift launch vehicle capable of carrying up to **8,000 kg** to Geostationary Transfer Orbit is the **LVM3**.

The Indian Space Research Organisation (**ISRO**) was established on **August 15, 1969**, with its headquarters in **Bengaluru**.

URSC (U R Rao Satellite Centre) located in **Bengaluru** is responsible for the design and development of satellites for ISRO.

Satish Dhawan Space Centre (SDSC) SHAR, **Sriharikota**, is India's primary spaceport located in Andhra Pradesh.

India's first experimental satellite launched into orbit was **Aryabhata** on **April 19, 1975**.

REVISION FLASHCARD

SpaceX Starship's 14th flight targeted Earth orbit for the first time while deploying 26 Starlink V3 satellites.

Syllabus Relevance: Important for science and technology questions regarding global space missions, satellite internet, and ISRO comparison facts.

Daily Current Affairs
Read the most important daily exam-relevant news summaries easily on Essaar.
Read Online: essaaracademy.in/ca