

LM-3C Orbital Launch Vehicle

The LM-3C launch vehicle was developed based on the LM-3A. It shares a similar module design with LM-3A and LM-3B.



Overview

LM-3C Orbital Launch Vehicle

The LM-3C is a reliable three-stage orbital launch vehicle designed for efficient payload delivery. Built upon the mature architecture of the LM-3A series, it utilizes a modular design and two strap-on boosters to ensure mission success. It is primarily engineered to support geostationary transfer orbit (GTO) missions with precision and adaptability.

Performance

Standard GTO Capacity

3800 kg
GTO Capacity

Technical Specifications

Stage Configuration	Three-stage launch vehicle
Strap-on Boosters	2

Design Heritage

Design Basis

- LM-3A core stage
- Modular design architecture
- Shared technology with LM-3B

Mission Profile

Primary Mission Type

GTO Mission • Spacecraft Launch