

LM-3A Orbital Launch Vehicle

The LM-3A launch vehicle was developed starting in the 1980s, building on proven technology. It successfully performed its maiden flight in February 1994.



Overview

LM-3A Orbital Launch Vehicle

The LM-3A is a sophisticated 3-stage orbital launch vehicle designed to deliver payloads into Geostationary Transfer Orbit (GTO). Developed with flight-proven heritage technology, it represents a reliable solution for spacecraft deployment. Its third stage utilizes high-efficiency cryogenic propellants, specifically liquid hydrogen and liquid oxygen, to ensure optimal performance during mission execution.

Technical Specifications

GTO Payload Capacity

2600 kg

GTO Mission Capability

Number of Stages	3
Fairing Static Envelope Diameter	3 m

Propulsion

Third Stage Propellants	Liquid Hydrogen, Liquid Oxygen
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Mission Profile

Primary Mission Type	GTO (Geostationary Transfer Orbit)
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History

Maiden Flight Date	February 1994
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