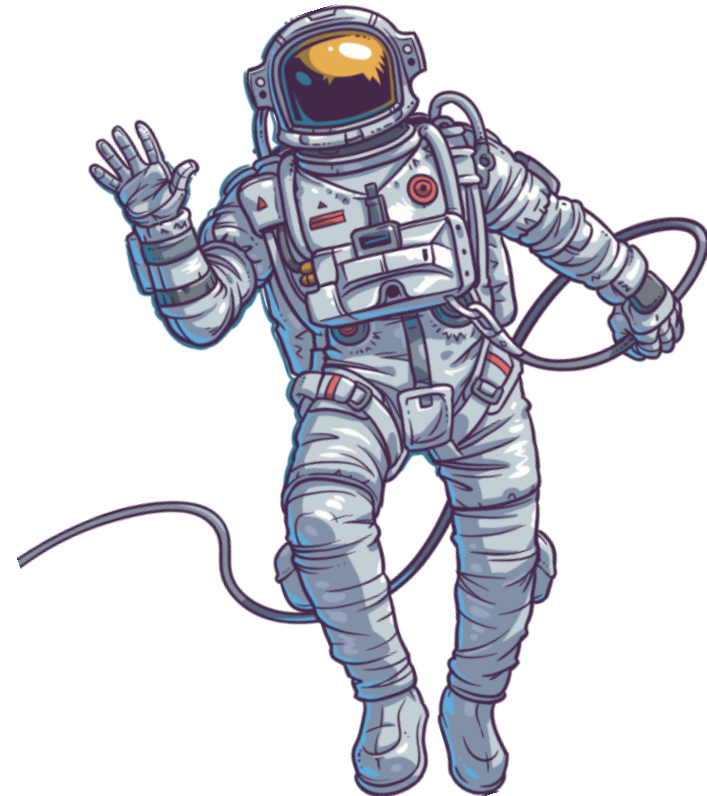


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FALCON9

Falcon 9 is a reusable, two-stage rocket designed and manufactured by SpaceX for the reliable



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PAYLOAD

Lorem ipsum dolor sit amet consectetur, adipisicing elit. Autem non voluptatum dolores.

SECOND STAGE

The second stage, powered by a single Merlin vacuum engine, delivers Falcon 9's payload to the desired orbit. For maximum reliability, the second stage has redundant igniter systems.



COMPOSITE FAIRING

The payload fairing is for the delivery of satellites to destinations in low Earth orbit (LEO), geosynchronous transfer orbit (GTO) and beyond.

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FIRST STAGE

Falcon 9's first stage incorporates nine Merlin engines and aluminum-lithium alloy tanks containing liquid oxygen and rocket-grade kerosene (RP-1) propellant.

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FIRST STAGE

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ENGINE

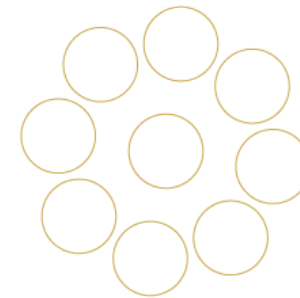
BURNTIME

9

162 SEC

Thrust At Sea Level

7,607kN1

NINE MERLIN
ENGINES

Falcon 9's first stage incorporates nine Merlin engines and aluminum-lithium alloy tanks containing liquid oxygen and rocket-grade kerosene (RP-1) propellant.

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With its nine first-stage Merlin engines clustered together, Falcon 9 can sustain up to two engine shutdowns during flight and still successfully complete its mission. Falcon 9 is the only launch vehicle in its class with this key reliability feature.

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