

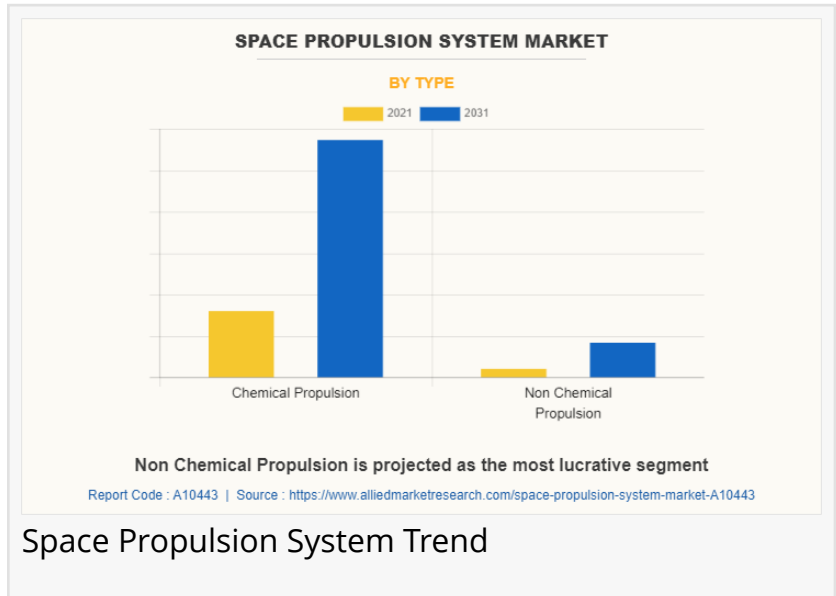
Aerospace Industry Fueling Growth in Space Propulsion System Market, Projected to Reach \$32.8 Billion by 2031

The most critical factor in the design and operation of aviation or spacecraft missions is the propulsive force.

OREGAON, PORTLAND, UNITED STATES , March 5, 2024

/EINPresswire.com/ -- Allied Market Research recently published a report, titled, "[Space Propulsion System Market](#) by Type (Chemical Propulsion, Non Chemical Propulsion), by Class of Orbit (Elliptical, GEO, LEO, MEO), by End User (Civil and Earth Observation, Government and Military, Commercial):

Global Opportunity Analysis and Industry Forecast, 2021-2031" As per the report, the global space propulsion system industry generated \$8.9 billion in 2021, and is projected to reach \$32.8 billion by 2031, growing at a CAGR of 14.3% from 2022 to 2031.



Space Propulsion System Trend

□□□□□□□□ □□□□□ □□□□□ - <https://www.alliedmarketresearch.com/request-sample/A10443>

□□□□ □□ □ □□□□□ □□□□□□□□□□ □□□□□□□?

The primary determinant influencing the design and execution of aviation or spacecraft missions is the propulsive force. This force, generated by the propulsion system, supplies the required power to propel rockets, aircraft, or other objects through air or space.

The space propulsion system encompasses various components, including valves, fuel tanks, propellant assembly, thrusters, pressure regulators, regulators, and manifold subsystems. Due to the diverse array of spacecraft and satellites in existence, various propulsion technologies are employed by different space agencies worldwide. Spacecraft propulsion and satellite propulsion are achieved utilizing either a rocket engine or integrated propulsion systems

□□□□□□□□□□□□ □□□□□□□□:

The market offers in-depth segmentation of [the global space propulsion system market on the basis of type](#), class of orbit, end user, and region.

By type, the chemical propulsion segment held the lion's share in 2021, accounting for nearly 90% of the global space propulsion system market, due to large usage of chemical propellants for launching satellites or other payloads into the space. However, the non-chemical propulsion segment is projected to portray the highest CAGR of 16.1% during the forecast period, due to increased use of non-chemical propulsion technologies in space propulsion systems.

By type, the chemical propulsion segment held the lion's share in 2021, accounting for nearly 90% of the global space propulsion system market, due to large usage of chemical propellants for launching satellites or other payloads into the space. However, the non-chemical propulsion segment is projected to portray the highest CAGR of 16.1% during the forecast period, due to increased use of non-chemical propulsion technologies in space propulsion systems.

For more information on the market, visit <https://www.alliedmarketresearch.com/space-propulsion-system-market/purchase-options>

By end user, the commercial segment is anticipated is estimated to register the highest CAGR of 14.6% from 2022 to 2031. Moreover, the segment held the lion's share in 2021, contributing to more than three-fourths of the global space propulsion system market, due to rise in number of space programs to support commercial applications globally. The report analyzes the civil and earth observation and government and military segment as well.

By end user, the commercial segment is anticipated is estimated to register the highest CAGR of 14.6% from 2022 to 2031. Moreover, the segment held the lion's share in 2021, contributing to more than three-fourths of the global space propulsion system market, due to rise in number of space programs to support commercial applications globally. The report analyzes the civil and earth observation and government and military segment as well.

By region, the market across North America held the largest share in 2021, accounting for more than half of the market, as U.S. launches thousands of satellites annually. However, the global space propulsion system market across Asia-Pacific is anticipated to register the highest CAGR of 17.0% during the forecast period, due to increase in space programs across various nations such as China, India, South Korea, and Japan.

By region, the market across North America held the largest share in 2021, accounting for more than half of the market, as U.S. launches thousands of satellites annually. However, the global space propulsion system market across Asia-Pacific is anticipated to register the highest CAGR of 17.0% during the forecast period, due to increase in space programs across various nations such as China, India, South Korea, and Japan.

The propulsive force is the most important factor in the design and operation of aircraft or spacecraft missions. The propulsion system provides the propulsive force or power required to propel rocket, or other vehicle moving through air or space forward. Fuel tanks, valves, propellant assembly, pressure regulator, thrusters, manifold subsystems, and regulators are all part of the space propulsion system. Several distinct propulsion methods are utilized by several space organizations throughout the world due to the presence of a diverse spectrum of spacecraft and satellites. The usage of a rocket engine or integrated [propulsion systems is used for spacecraft and satellite propulsion](#).

The propulsive force is the most important factor in the design and operation of aircraft or spacecraft missions. The propulsion system provides the propulsive force or power required to propel rocket, or other vehicle moving through air or space forward. Fuel tanks, valves, propellant assembly, pressure regulator, thrusters, manifold subsystems, and regulators are all part of the space propulsion system. Several distinct propulsion methods are utilized by several space organizations throughout the world due to the presence of a diverse spectrum of spacecraft and satellites. The usage of a rocket engine or integrated [propulsion systems is used for spacecraft and satellite propulsion](#).

For more information on the market, visit <https://www.alliedmarketresearch.com/space-propulsion-system-market/purchase-options>

<https://www.alliedmarketresearch.com/purchase-enquiry/A10443>

□□□□□□ □□□□□ □□□□□□ □□□□□□ □□ □□ □□□□□:

The competitive analysis in the report highlights the leading market players in the global space propulsion system industry. The top players profiled in the report involve

Mitsubishi Heavy Industries Ltd.

Accion Systems

Moog Inc

Ariane Group

Northrop Grumman Corporation

Thales Group

Sierra Nevada Corporation

Vacco Industries

OHB SE

IHI Corporation.

□□□□□□ □□□□□□ □□ □□□□ □□ □□□□□ □□□□□□□□:

<https://www.alliedmarketresearch.com/rocket-propulsion-market-A07161> - Rocket Propulsion Market : Global Opportunity Analysis and Industry Forecast, 2020–2030.

<https://www.alliedmarketresearch.com/aircraft-propulsion-system-market-A06224> - Aircraft Propulsion System Market : Global Opportunity Analysis and Industry Forecast, 2020–2030.

<https://www.alliedmarketresearch.com/rocket-hybrid-propulsion-market-A08614> - Rocket Hybrid Propulsion Market : Global Opportunity Analysis and Industry Forecast, 2020–2030.

<https://www.alliedmarketresearch.com/rocket-liquid-propulsion-market-A08615> - Rocket Liquid Propulsion Market : Global Opportunity Analysis and Industry Forecast, 2020–2030.

<https://www.alliedmarketresearch.com/autonomous-aircraft-propulsion-systems-market-A09221> - Autonomous Aircraft Propulsion Systems Market

David Correa
Allied Market Research
+1 5038946022

[email us here](#)

Visit us on social media:

[Facebook](#)

[Twitter](#)

[LinkedIn](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/693403596>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2024 Newsmatics Inc. All Right Reserved.