

# APPLICATIONS OF SPACE TECHNOLOGY



tenlarge

# Satellite

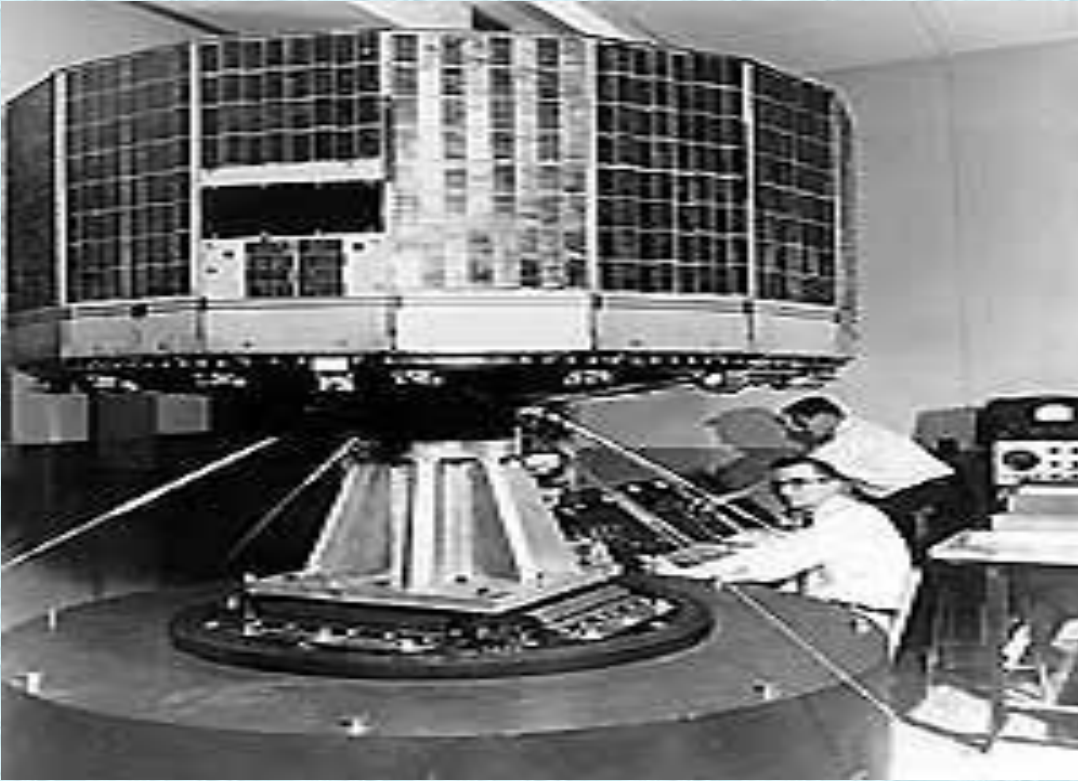
Satellite is an object that orbit around another bigger object in the space

## Two different types of satellites

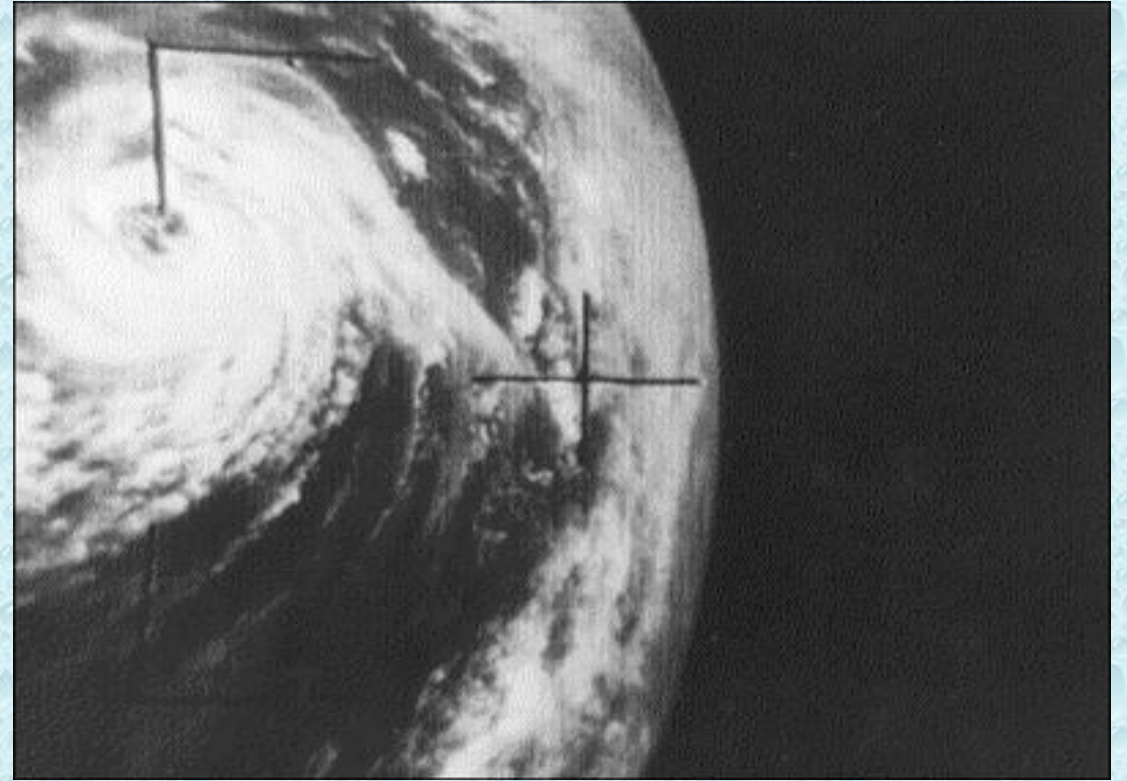
- Natural (e.g., earth and moon)
- Man-made



# History Of Meteorological Satellites



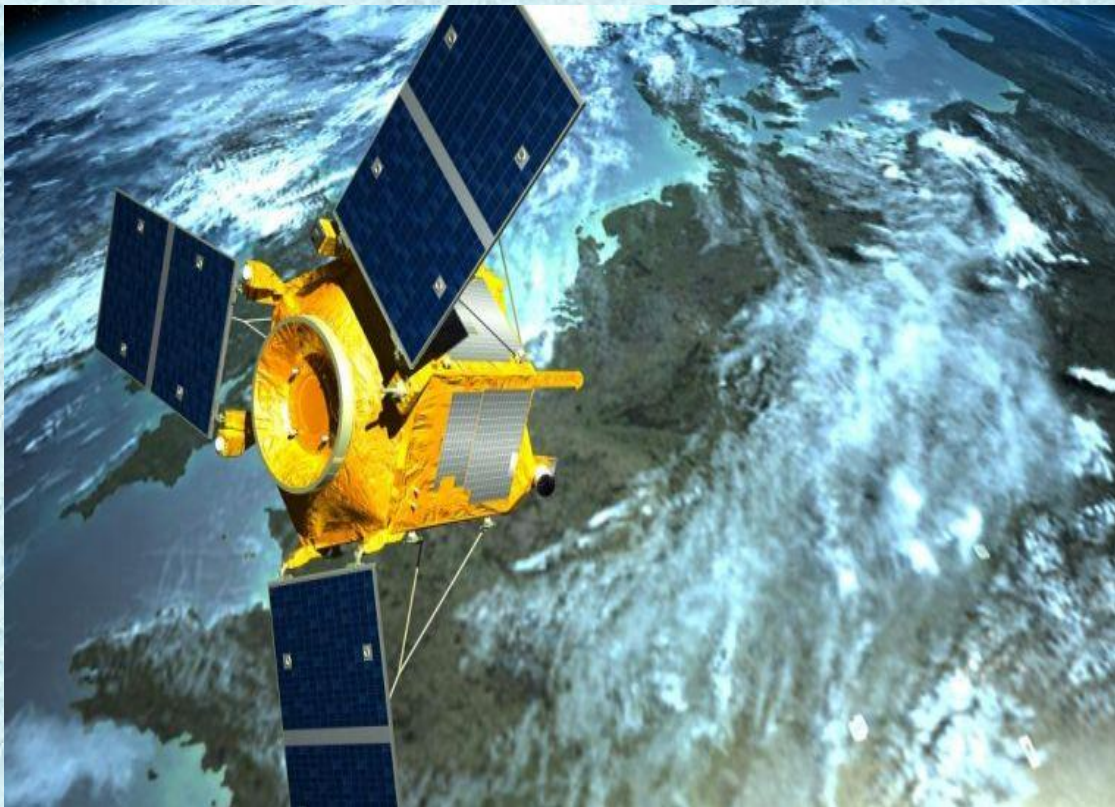
**TIROS-1 Satellite.**



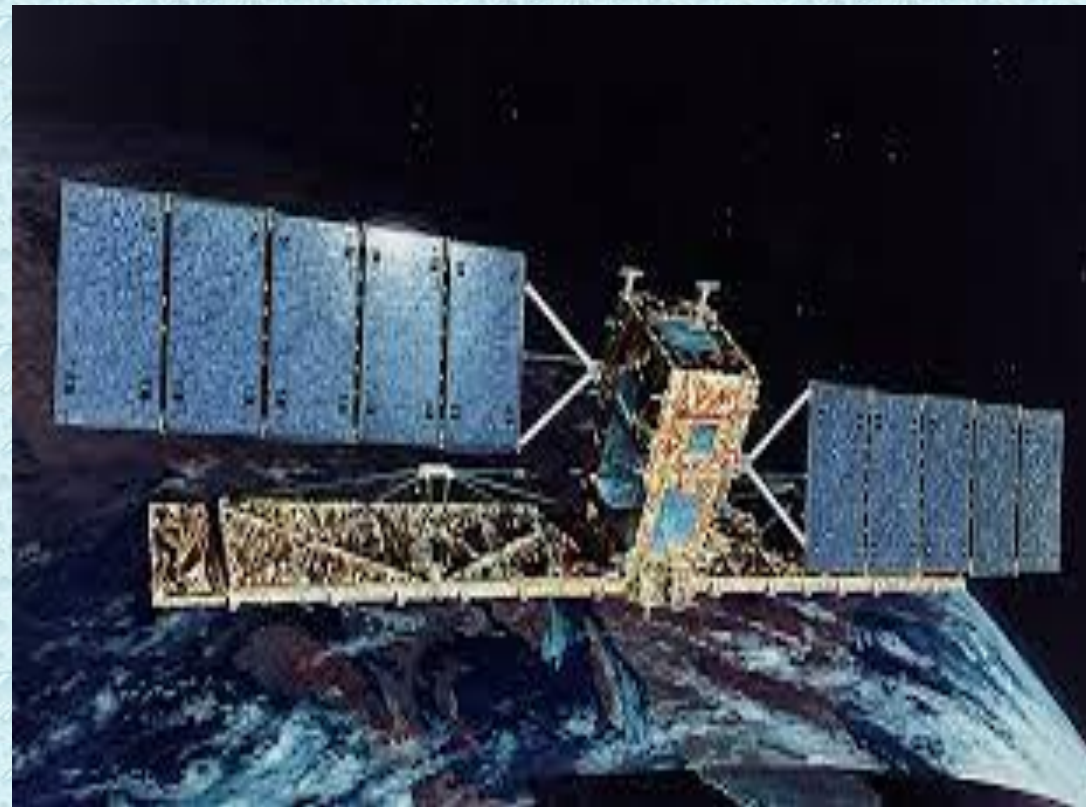
**TIROS-7 image of a mid-latitude cyclone off the coast of New Zealand, August 24, 1964.**



# Meteorological Satellites

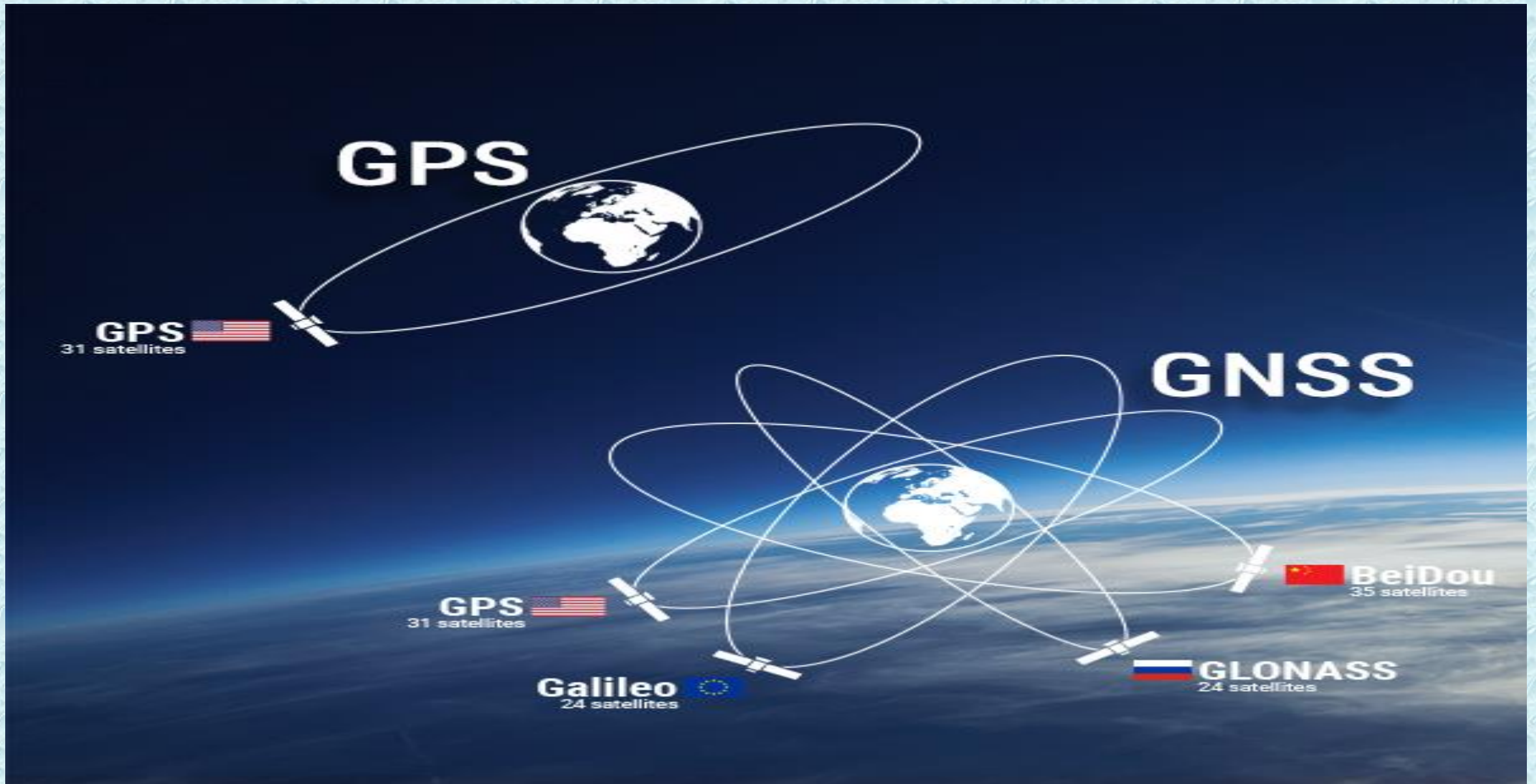


**SPOT SATELLITE**



**RADARSAT-1**





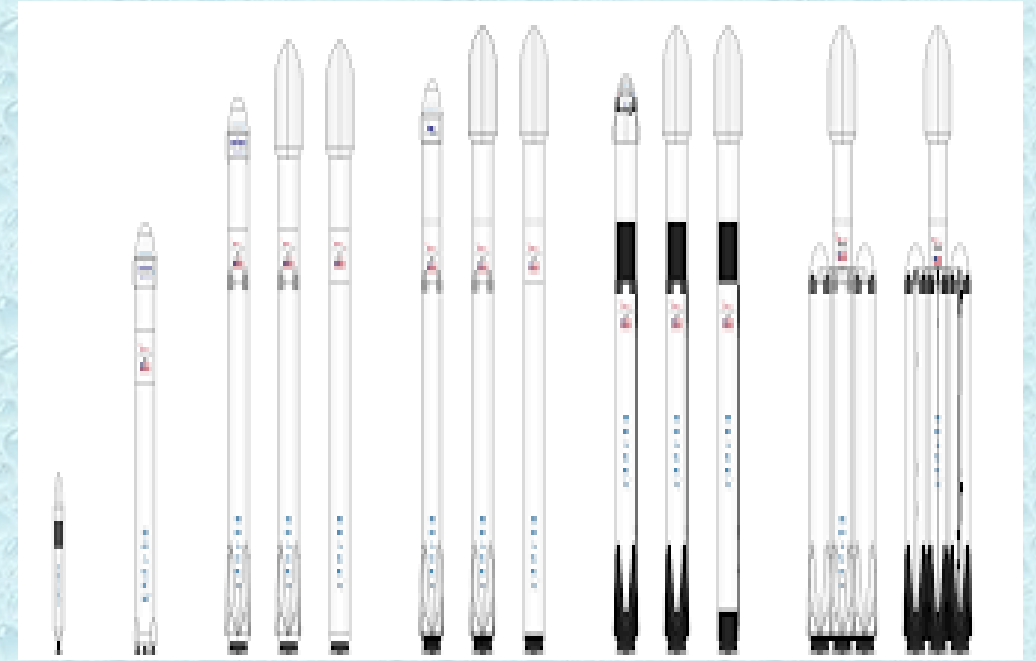
Global Navigation Satellite System And Global Positioning System



Elon Musk

## SPACE X

**SpaceX** is arguably the most well-known private space company. The company has created a ton of hype since it was **founded in 2002 by billionaire entrepreneur Elon Musk.**



SpaceX's family of falcon launch vehicles

## LANDING

**Landing** - SpaceX's family of Falcon launch vehicles are the first and only orbital class rockets capable of reflight.



*William Boeing*

**Boeing** is the world's largest aerospace company and leading manufacturer of commercial jetliners, defense, space and security systems, and service provider of after-market support

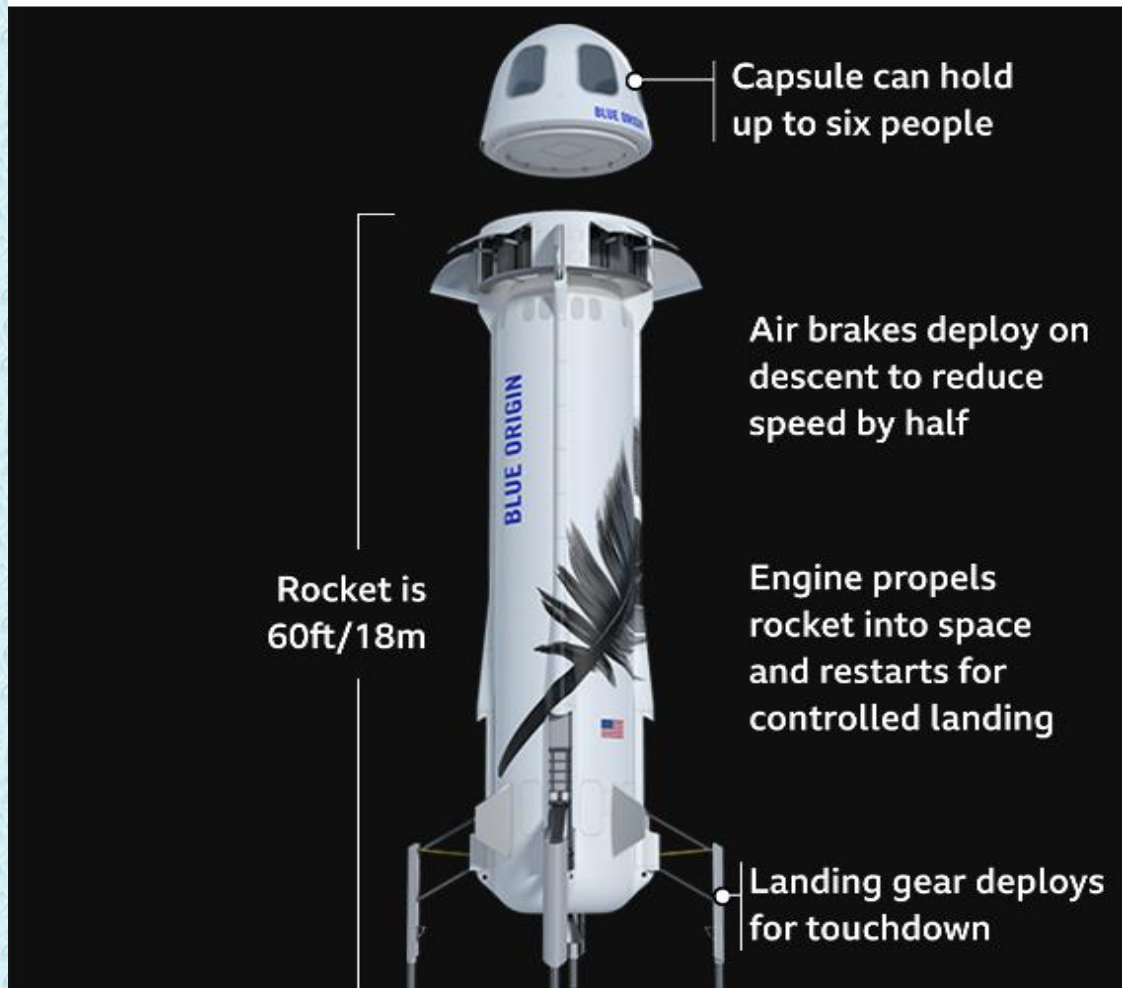


*Jeff Bezos*

**Blue Origin** has not sought public attention in the same way as SpaceX. **Founded by Amazon founder Jeff Bezos in 2000**, Blue Origin aims to provide access to space to private individuals.



## New Shepard: Reusable rocket designed to take passengers into space



**New Shepard**



**New Glenn**





Richard Branson

**Richard Branson's Virgin Galactic, founded in 2004**, is an extension of the Virgin brand into the space tourism industry. **The goal of this venture is to fly private citizens into space.**



Franklin Chang Diaz

Ad Astra Rocket Company Founded in 2005, The President and CEO of Ad Astra Rocket Company is retired astronaut, **Dr. Franklin Chang Díaz.**



Eren Ozmen and Faith Ozmen

**Eren Ozmen** is Chairwoman and President of Sierra Nevada Corporation (SNC), the global aerospace and national security leader based in Sparks, Nevada.



Logo of Lockheed Martin

**Lockheed Martin Corporation** is an American aerospace, defense, arms, security, and advanced technologies company with worldwide interests.





Logo of Northrop Grumman

Aerospace Systems, headquartered in Redondo Beach, California, produces aircraft, spacecraft, high-energy laser systems and microelectronics for the U.S. and other nations.



Logo of XCOR Aerospace

The company **was founded in Mojave, California in 1999 by Jeff Greason, Dan DeLong, Aleta Jackson and Doug Jones** who had previously worked at the Rotary Rocket company.



Logo of Made Inspace

Made in space **mission is to develop state-of-the-art space manufacturing technology to support exploration, national security, and sustainable space settlement.**



Logo of Airbus

**Airbus Industries**, European aircraft-manufacturing consortium **formed in 1970** to fill a market niche for short- to medium-range, high-capacity jetliners.



# Thank You

