

History of Spacecraft

Juno 1 Rocket (1958)

Launched by: US Army

Purpose: Launch the US's first satellites into orbit.

Technical Details: 4 stage rocket booster, 1 stage using liquid fuel, and three stages using solid fuel.



Vostok 3KA Rocket (1961)

Launched by: Russia

Purpose: Humanities first manned space flight (by Yuri Gagarin)

Technical Details: 3 stage rocket booster, liquid fuel.



Soyuz (1966 – Present)

Launched by: Russia

Purpose: Satellite launch, ISS crew transport missions. Most frequently used launch vehicle in the world.

Technical Details: The most modern Soyuz-2 rockets use either 2 or four stage boosters with liquid fuel.



Saturn V Rocket (1968 – 1972)

Launched by: NASA

Purpose: Launching Apollo program crew modules into space.

Technical Details: 3 stage rocket booster, liquid fuel.



Space Shuttle Program (1981 – 2011)

Launched by: NASA

Purpose: Launching reusable orbital spacecraft into Earth orbit.

Technical Details: Reusable orbiter attached to a large disposable fuel tank, and two solid fuel burning rocket boosters.



Falcon 9 Rocket (2010 – Present)

Launched by: Space X

Purpose: ISS resupply missions.

Technical Details: 2 stage rocket booster, liquid fuel.

