



Note: This file can not replace watching the video lecture. Because the video lecture contains more explanation through graphical elaboration.

Certified Junior Astronaut Training Course

Components of the Space System (Part 4)





This lecture will answer the following inquiry:



What are the countries that possess the launching capability?





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- ✚ The countries that have the launching capability to all orbits, including the Geostationary Orbit at an elevation of 36,000 Km, are seven countries: USA, Russia, Ukraine, The European Union (represented in France) Japan, China and India.

- ✚ The most significant types of rockets owned by these countries are:





Cont..What are the countries that possess the launching capability?

+ European Rocket Series "Arian".

Arian 5



Arian 6



Ariane 44LP Ariane 40 Ariane 42P Ariane 44P Ariane 42L





Cont..What are the countries that possess the launching capability?

+ European Rocket Series "Arian".

Arian 5



Arian 6



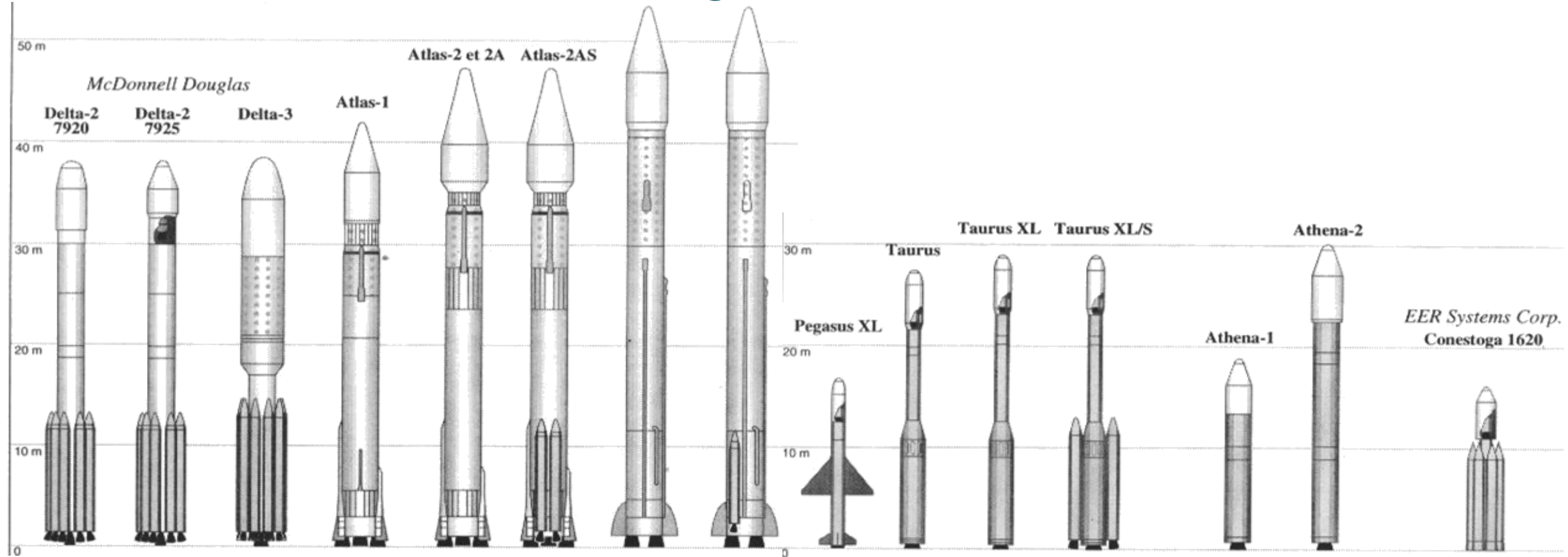
Ariane 44LP Ariane 40 Ariane 42P Ariane 44P Ariane 42L





Cont.. What are the countries that possess the launching capability?

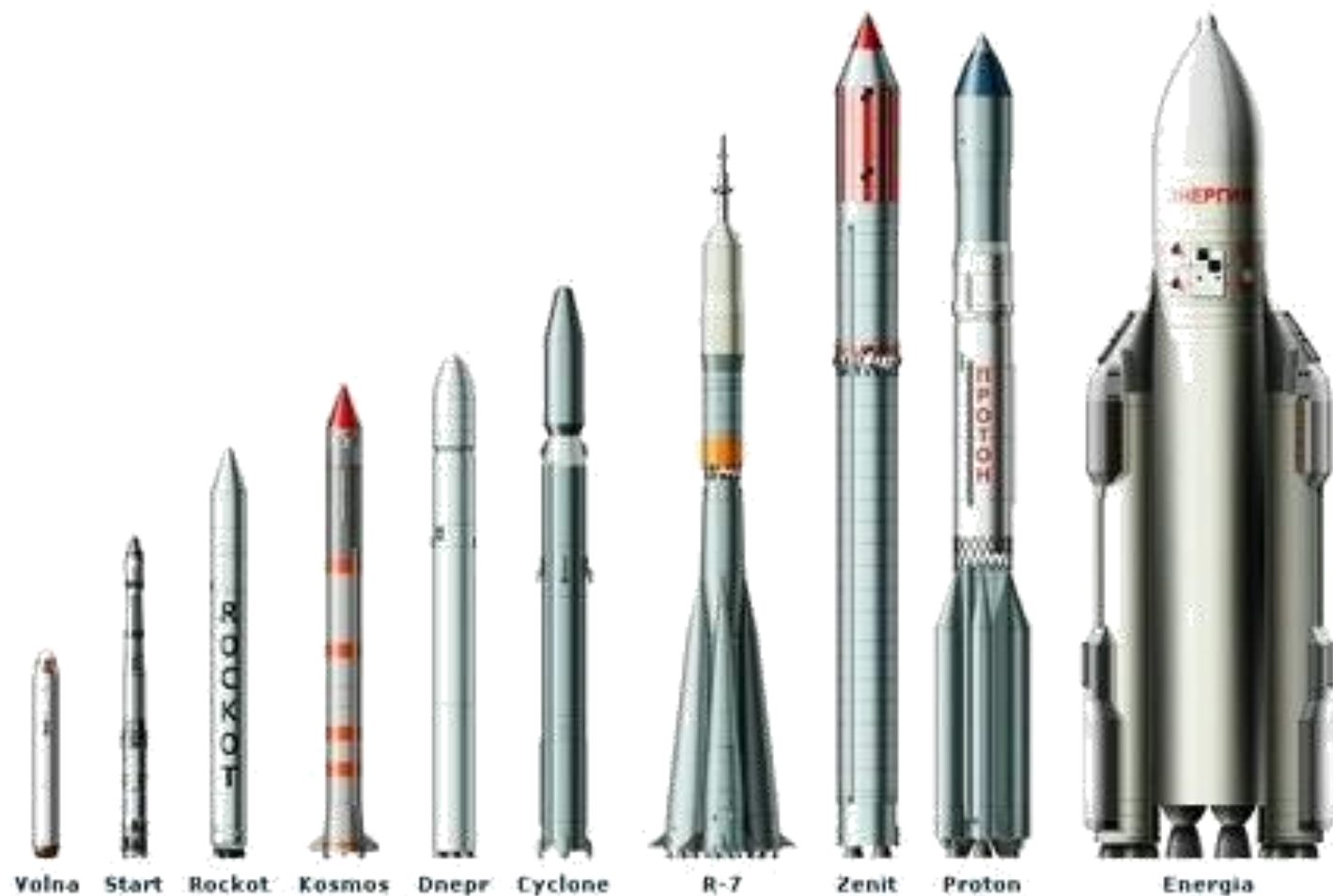
+ US Rocket Series "Delta, Atlas, Pegasus, Taurus, Athena".





Cont..What are the countries that possess the launching capability?

+ Russian Rocket Series “Energia, Proton, Zenit, R-7, Cyclone, Dnepr, Kosmos”.





Thanks for your undivided attention

