

Locations

On top of a mountain

- + Considerable economy on the materials for the construction
- + Minimizing the distance to orbit
- Technically difficult to build on a uneven territory
- Strong winds, cold climate
- Expensive technical maintenance

Ocean (neutral territory)

- + Neutral waters help avoiding international conflicts
- + Mobile platform
- More vulnerable to corrosion
- Big tides; constant tensions applied to cable

Spaceports (i.e. Baikonur, Houston, etc.)

- + Far from the settlements
- + Already existing specialized infrastructure
- Has no outstanding advantages

Any place in close approximation to the equator

- + Minimizing the distance to the point of achieving first cosmic velocity
- + Takes the most advantage of Earth's rotation energy
- + Theoretically can possess advantages of other solutions without having every disadvantage related to them