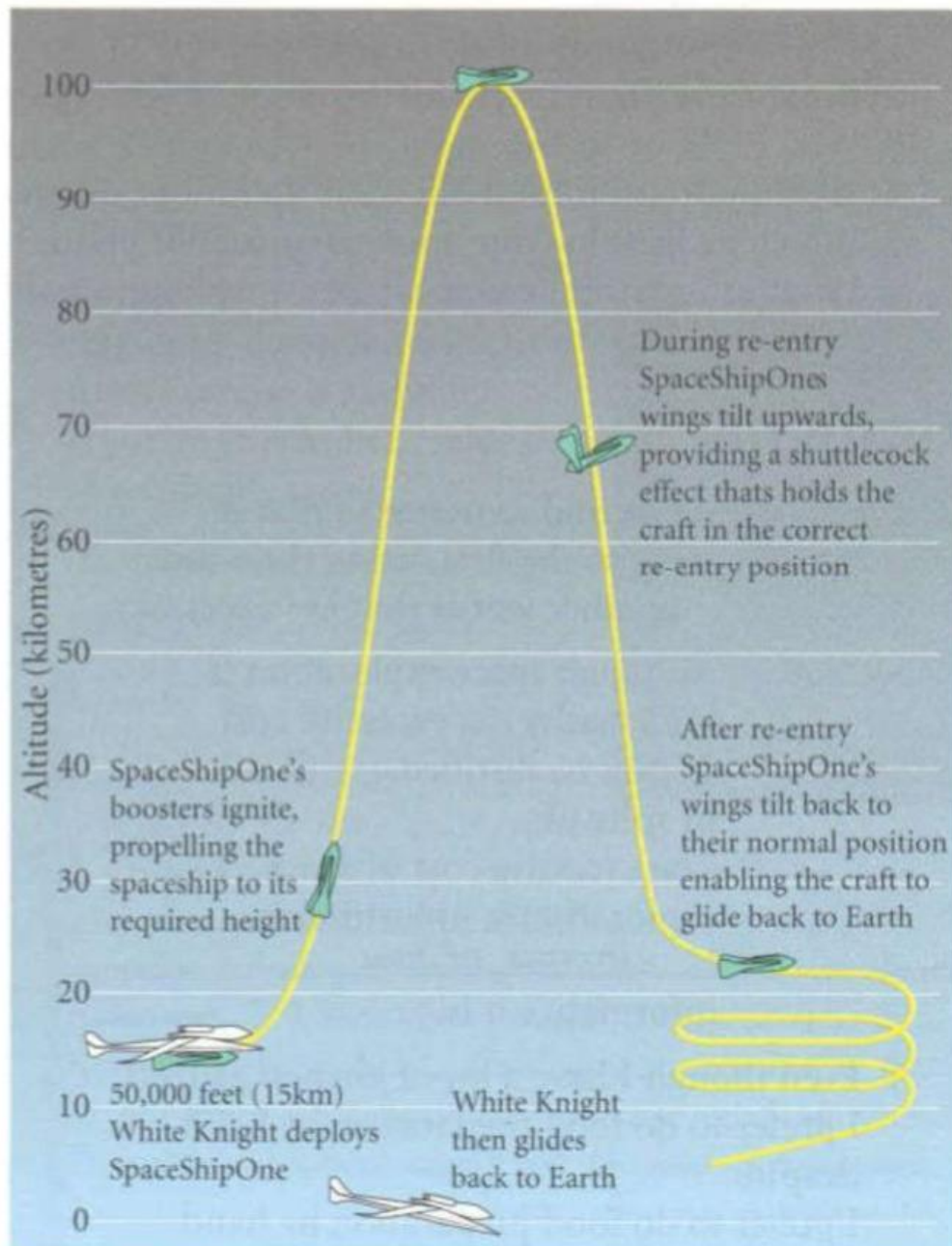


SpaceShipOne, a prototype re-usable spacecraft, transported by a specially designed aircraft, White Knight, to launch height. The diagram shows how it is designed to gain and lose altitude.



Sample answer

SpaceShipOne is a [] which can be sent up into space again and again. The craft is designed to be used [] with White Knight, which is its []. When it is ready to be launched, SpaceShipOne is taken up to [] approximately 15 km by White Knight. SpaceShipOne is then [] by White Knight, which then [] to Earth. At this point, the booster rockets on SpaceShipOne [], propelling the craft upwards to its required [] 100 km. When the craft is ready to [] the Earth's atmosphere, its wings can []. This provides an effect similar to that of [] as it falls to the ground, holding the craft in the correct position []. After successful re-entry, the wings are tilted back to their normal position, enabling the craft to glide back [] to Earth.

(150 words)

a shuttlecock	prototype spacecraft	deployed	re-enter
safely	in conjunction	glides back down	altitude of
be tilted upwards	for re-entry	launcher	are fired up
a height of			