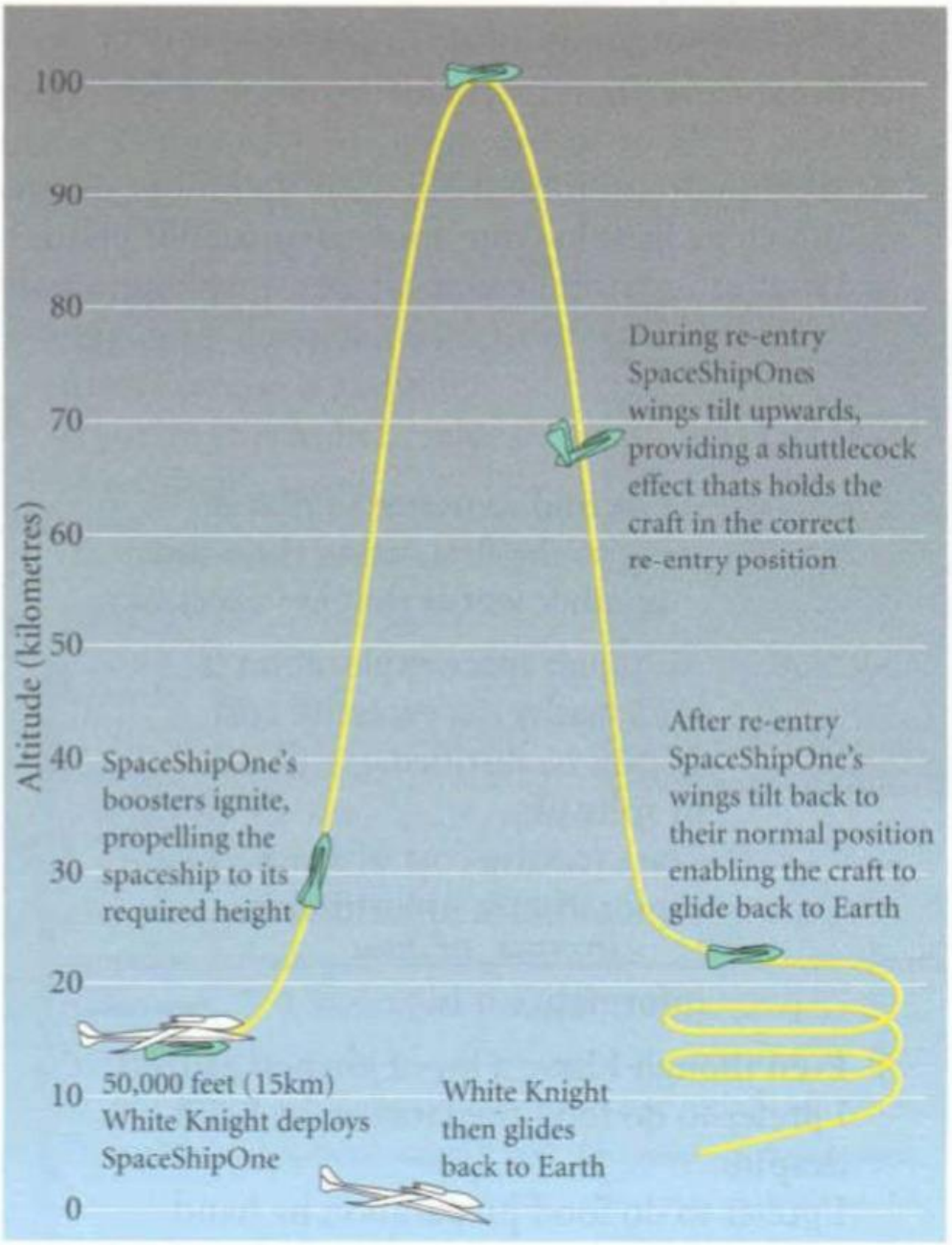
SpaceShipOne, a prototype re-usable spacecraft, transported by a specially designed aircraft, White Knight, to launch height. The diagram shows how it is designed to gain and lose altitude.



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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			

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