

## How Do You Steer A Hot Air Balloon? Written by [roshanicumari](#)

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Hot air balloon flights do not possess steering wheels, but the pilots of hot air balloons control their ascent and descent but are not able to steer them in varying directions without changing the altitude.

One of the major questions is - How to steer a hot air balloon? And, steering a hot air balloon is not an easy task. [Hot air balloon flights](#) do not possess steering wheels, but the pilots of hot air balloons control their ascent and descent but are not able to steer them in varying directions without changing the altitude. Moreover, the pilots make use of wind direction and speed at varying heights just to steer the hot air balloon. Usually, steering hot air balloons to certain landing sites is an act of science and art.

### What makes a great landing site?

Another question that arises in mind is - What makes a great landing site? According to pilots, a better landing site serves as a location that possesses good access from the air with help of wind conditions for safe navigation. Safe steering of hot air balloon flights doesn't jeopardize passengers, animals, and crops, and offers smooth terrain for crew and passengers to move about. Apart from it, if weather conditions seem to be better, the hot air balloon passengers and pilot, and ground crew would head toward the launching site.

Irrespective of wind direction, pilots fly and steer the best hot air balloon ride to a better landing area. During the journey towards the landing site, pilots can gather essential data by keeping an eye out for certain signs of what wind is doing on its surface. How the tree branches and a flag is moving could provide a plethora of valuable information. Before a flight, pilots determine the best scene of altitudes, wind, and terrain of flight just to navigate the better landing sites.

### Steering of hot air balloon

Hot air balloons don't possess in-built mechanisms for propulsion or for steering purposes and make use of the direction and speed in which wind travels. But, that doesn't depict that pilots allow the balloon to fly anywhere. At varying altitudes, the direction and speed seem to be different and pilots place hot air balloons at varying altitudes at varying times during a flight. The best hot air balloon ride is operated while controlling volume and temperature and while maintaining the flight level. By changing the balloon's volume it becomes easy to start the descent and a heavy landing for the balloon.

### Weather considerations during flight

Hot air balloon rides can get canceled when appropriate wind direction and speed are not suitable for safe landing and flight. It is not an easy task to cancel a hot air balloon ride, especially when passengers are present at the starting site and their excitement is high. But, the cancellation decision is much better as it ensures the safety of passengers and crew before its launch.

The hot air balloon gets inflated, the propane burner gets on, passengers get entry into the basket, and the hot air balloon rises in the air. After ascending almost 1000 feet, it becomes pretty essential to look for below steorage type. The direction of wind changes for varying reasons and the wind is entirely created by the difference in pressure and varying temperature. If the sun is out and is warming the earth's surface, the wind constantly changes.

Whenever a hot air balloon pilot knows about what wind is doing on the surface and the lower side, it becomes possible to steer the hot air balloon to a certain area. [Skywaltz balloon safari](#) ensures safe steering of hot air balloons during the ride with other considerations as well.