



*Sky diving  
(parachuting)*

*Parachuting*, also known as *skydiving*, is the activity of jumping from enough height to deploy a fabric parachute and land. Parachuting is performed as a recreational activity and a competitive sport.





There are four *basic parachuting skills*: basic safety, free fall maneuvers, parachute operation, and landing. Many people make their first jump with an instructor.



There are two kinds of parachutes: parachute with a round dome (*round parachute*) and parachute with rectangular gliding dome (*parachute-wing*).

In freefall most skydivers start by learning "*arch*" position. Next, jumpers learn to move or turn in any direction while remaining belly to earth. Using these skills a group of jumpers can create sequences of formations on a single jump, known as *formation skydiving* (FS).



*Formation skydiving* is the art of building formations in free-fall with multiple people united to each other.



The kinds of formation skydiving are:

4-way sequential

4-way vertical sequential (VRW)

8-way sequential

16-way sequential

10-way speed

Large formations (Big-ways)

There are two kinds of formations, called *randoms* and *blocks*.



*The randoms* are singular formations with full separation of all grips both before and after building the formation.



*The blocks* are double formations with a special movement pattern, called an *inter*. The start and the end of formation can be the same or not.



A competition consists of up to 10 rounds, and each round consists of 5 or 6 points. The working time is 35 seconds. The scores giving depend on the video material.



Blocks are marked by numbers, while randoms get letters. For blocks the team get 1 point for each correct formation, and randoms count as 1 point. There are 22 blocks and 16 randoms.





The winning team will be the team that has collected most points, by completing the most correct formations.

*The recent FAI world record for largest free-fall formation is a 400-way, set on February 8, 2006 in Thailand by World Team. It was held for 4.25 seconds.*

