parachuting
(skydiving)
gnezdo.3dn.ru

PLAN:

- Vocabulary
- Definition
- History
- Rules
- My personal attitude

Vocabulary:

- **Descent – спуск, снижение;**
- **Velocity – скорость, быстрота;**
- **Aircraft – авиация;**
- **Capsule (cell) – капсула, отсек;**
- **Supple – запас;**
- **Altitude – высота над уровнем моря;**
- **Range – предел;**
- **Feet – фут;**
- **Cord – веревка, шнур;**
- **Chute – парашют, стремнина;**
- **Ram-air parachute – гидравлически воздушный парашют;**
- **Glider – планёр;**
- **Miles per hour (mph) – миль в час.**

Definition:

parachuting **- device that slows the vertical descent of a body falling through the atmosphere or the velocity of a body moving horizontally. The parachute increases the body's surface area, and this increased air resistance slows the body in motion.**

History:

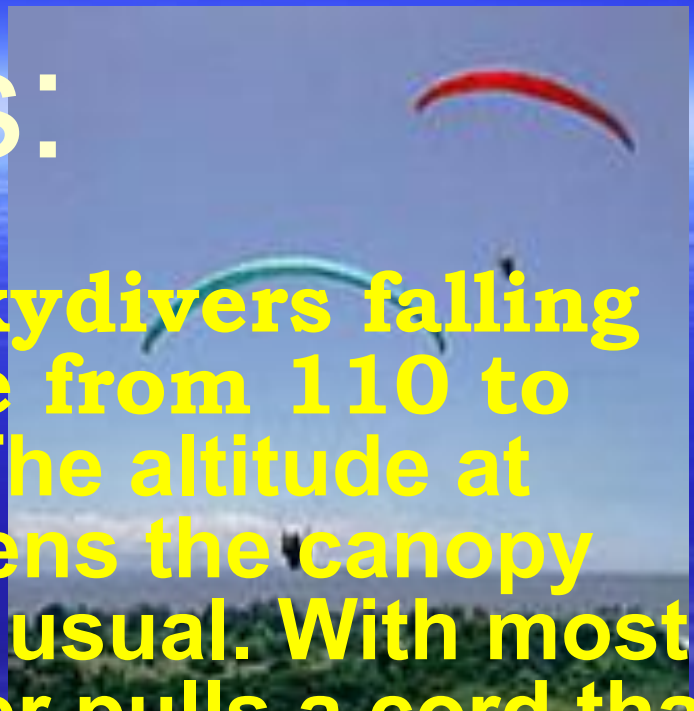
Dating to the 1100s of the Chinese using parachutes for amusement. In the West, however, parachutes were originally conceived for human use as a means of providing a safe escape from a burning building. It was Leonardo Da Vinci who first proposed this use in 1483.

The first person to demonstrate the use of a parachute in action was Louis-Sebastien Lenormand of France in 1783.

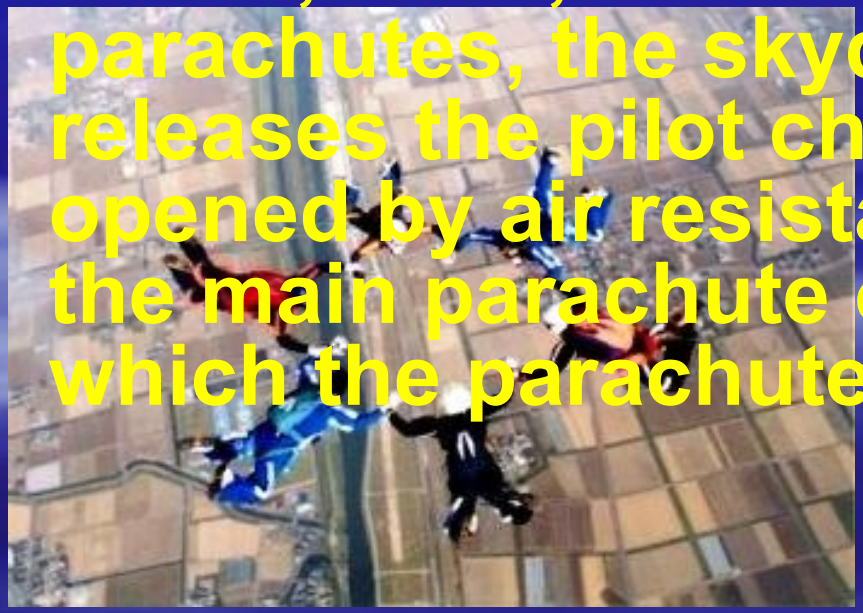
Rules:

Typical jump altitudes in modern times for experienced skydivers range from 7,500 to 15,000 feet above ground level, yielding a freefall time of between 40 and 85 seconds. The length of the freefall is dependent upon such factors as exit altitude, opening altitude, and fall rate. The fall rate is determined by the jumpsuit the skydiver wears and the way in which the suit conforms to the body during the freefall and by the diver's body configuration relative to the ground.

Rules:



Freefall speeds for skydivers falling "belly to earth" range from 110 to 130 miles per hour. The altitude at which a parachutist opens the canopy varies, but 2,500 feet is usual. With most parachutes, the skydiver pulls a cord that releases the pilot chute, a small chute opened by air resistance that acts to pull the main parachute out from the bag in which the parachutes are encased.



Rules:

The main parachute increases the skydiver's air resistance and slows the diver's fall to the ground to a speed of around 10 mph. Modern ram-air parachutes are made of seven to nine nylon cells that inflate and act as a wing, or glider; these canopies allow the parachutist to steer and sail gently to the ground.

My personal attitude:

In my opinion, parachuting is very dangerous and extreme sport, but very interesting.
Always I dream to jump with parachute, but I have not got any opportunities.
However, in my future I will try to get around to doing my dream.

Thank you for your attention!