

Answer on Question #49665-Physics-Mechanics-Kinematics-Dynamics

Describe three common misconceptions about lift.

Solution:

There are many myths and misconceptions about the elevators. This is because much of the elevator equipment is hidden from the public and leaves a lot of room for imagination passengers.

Here are some myths and truths about the elevators:

MYTH - Many people believe that the lift raises a single rope, which can break off and give passengers a few seconds of free fall.

TRUTH - In fact, most elevators are supported by several steel cables, each of which can support the weight of the lift with a maximum load.

In the history of the elevators was only one drop associated with a complete break ropes - in the United States in 1940, the plane hit the building of the Empire State Building (Empire State Building, New York) and cut all the ropes on one lift.

MYTH - Some people believe that if the elevator is crowded, it may fall.

TRUTH - overloaded elevator, usually just will not move. The doors will remain open and the buzzer may emit a signal until a sufficient number of people will come out of the elevator, to reduce weight.

MYTH - Some people believe that the landing door can be opened without a lift.

TRUTH - lift is designed so that the machine controls the opening of the door. When the elevator arrived at the landing door of the elevator car doors are synchronized on the boarding floor and they will move at the same time. If the elevator is not present, then the doors will not open on the floor.

MYTH - Some people believe that if the elevator got stuck between floors, the cabin can fail and need to get out.

TRUTH - Trying to get out of the elevator on their own can lead to serious injury. The car is designed for the safe movement and safest inside. You must call for help call button - or call the dispatch service. You must wait for the elevator service professionals, which quickly and safely will help you get out of the elevator.

MYTH - Press the call button repeatedly will make the elevator come faster.

TRUTH - After tapping the call - the call is recorded by the controller of the elevator. Pressing the button does nothing.

<http://www.AssignmentExpert.com/>