Soaring Eagle

Introduction to the History and Safety of the Soaring Eagle Zipline

Stan Checketts is a world famous ride inventor. He has built rides that have safely thrilled over a billion riders in 28 different countries worldwide to date in his major company S&S Worldwide, which he founded and has become the largest manufacturer of thrill rides in the USA. Customers including Disney, MGM, Six Flags & Cedar Fair own some of his creations. His rides range in size and thrill from several hundred feet tall Space Shot Towers to the 15 feet tall Frog Hopper and coasters all over the world. Stan's engineering accomplishments include the World's tallest thrill ride (on top of the Stratosphere, Las Vegas, NV) and the World's fastest roller coaster (Guinness World Record in 2002).

After dominating the amusement ride industry and upon seeing the increasing popularity of ziplines and constructing one in his own yard for family members Stan Checketts decided to use his expertise in precision engineering and manufacturing to create an all-new zip line experience for the family and that was the beginning of Soaring Eagle Inc. Now, only 5 years later, Stan has completed about 55 installations of the Soaring Eagle Zipline with millions of safe rides worldwide.

Stan has used his incredible background to address some major challenges in the zipline market including safety, labor, terrain, and limited demographic appeal. With the Soaring Eagle Zipline, he has delivered a safe, efficient, no-hassle zipline solution to the market with the ability to construct on flat ground or hills, with the widest demographic appeal of any zipline product available and it remains one of the only ziplines constructed to ASTM standards! Stan still owns and is involved in the daily operations of Soaring Eagle.

Soaring Eagle's Zipline Approach

Soaring Eagle Ziplines are the safest ziplines made. Using ASTM standards as the beginning, we have done extensive engineering and testing to make sure they are completely safe. Each zipline project is custom designed and built to site specifications for soils, terrain, and weather conditions. With consideration of site-specific characteristics and needs, placement of the zipline is carefully planned for the equipment's abilities and the zipline participant's safety.

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Each project begins with a geotechnical soil report. A custom concrete and rebar foundation is then designed and engineered for that very specific soil and the tensions that zipline site will have. On top of that specifically designed foundation goes the Soaring Eagle Zipline, which is the most technologically advanced zipline product on the market. Soaring Eagle has two third-party engineering firms confirm the design and build is safe. We take safety as our first priority with every project.

The poles used for the zipline are steel poles. The taller pole often ranging from 85' to 180' are most commonly made from a 20" diameter steel pole and commonly go unnoticed to most of the public. If they are noticed, they are mostly thought to be a power pole. The shorter pole, which is on the end the participants load and unload from, is most commonly made from steel I-beam material. This pole ranges from 15' to 30' tall.

The Soaring Eagle Zipline is armed with many safety features that are redundant in nature. Here is a partial list of them:

- Computer sensors in many locations that make sure everything is in its correct operating position before the zipline will operate. It WILL NOT operate if the system is not ready.
- Two cables are connected to the rider cart. Each of them can independently carry the weight of the rider. Most every other zipline only has one cable.
- Each rider has two separate and independent restraints. One of the restraints is electronically censored and the zipline WILL NOT operate if the restraint is not locked into place.
- Each Soaring Eagle Zipline is equipped with a fully automated triple stopping system that does not depend on rider discretion. This ensures the same stop every time no matter the ability of the rider. Each of the three stopping components can individually stop the riders.
- Constructed to ASTM standards!
- Limited operator requirements, yet just the right amount of human oversight and control. The operator can stop the riders at any point with the touch of a button and safely lower the riders to the loading/unloading area from any point by pulling on a lever.
- Properly fenced loading area.
- Established daily and periodic inspection procedures.

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Another thing we are proud of at Soaring Eagle and that speaks to the safety of our product is the fact the we regularly receive phone calls from potential customers who say, "I asked my insurance agent about adding ziplines to my operation and they recommended yours." To us, this is music to our ears and an indicator that we are among the best when it comes to safety in the zipline industry. As a company, Soaring Eagle carries top of the line general liability insurance. Each zipline owner/operator can easily obtain appropriate liability insurance coverage from established top-rated insurance companies for their zipline operation. Normally individuals and companies can easily be added as additional insured parties on the policy. This is not the case for some zipline companies, but strongly adds to the credibility of the safety and impeccable safety record that the Soaring Eagle Zipline encapsulates through its precise engineering and construction.

Here at Soaring Eagle our team is driven to continue to improve our product safety with continued R&D and continued operator feedback. We maintain close working relationships with owners of the 55 installations in many different industries and states across the country are looking forward to the next one every day! Our product serves the family demographic and is a safe, simple, smart, and very unique addition that gives the same enjoyable experience over and over again; loads of fun, with a little bit of scary!

Thank you for considering our Soaring Eagle Zipline as part of the experience you offer at your place of recreation!

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