



Airwalker®

**Installation
and Safety
Information**



Stretch Products for Dance, Therapy, Education, and Fitness

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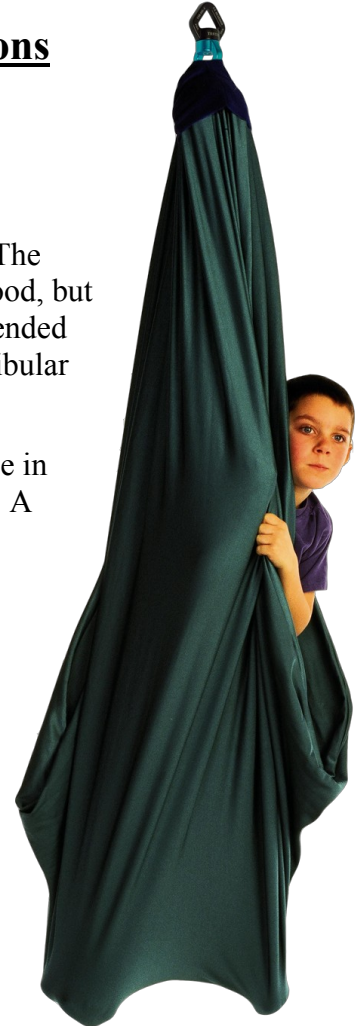
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Airwalker Installation and Safety Instructions

Product Description

The Airwalker creates a full-body experience of suspension and weightlessness combined with the safety and comfort of the womb. The cocoon-like design provides total body pressure that not only feels good, but also builds muscular strength, coordination and balance. Being suspended creates a heightened relationship to gravity which stimulates the vestibular system responsible for balance and coordination.

The Airwalker is light weight, takes up minimal space and is available in two sizes. It incorporates a ball-bearing coupler for smooth rotation. A heavy polyester webbing strap is also included to adjust the hanging height.



Rotator



Fleece Cover



Fabric Body



Style 1

or



Style 2

Adjustable Hanging Strap



Airwalker Installation

Since each installation is unique, it is strongly recommended that your Airwalker be professionally installed to ensure your intended location will safely support the weight of your child.

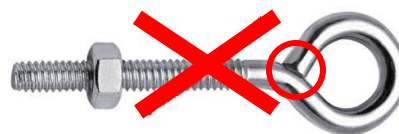
Proper installation of the eye bolt is critical to the safety of using the Airwalker. We recommend using a forged (*not formed*) steel eyebolt, purchased from an industrial hardware or marine supply store and properly bolted into your ceiling support structure. You can also purchase suspension hardware directly from SouthPaw Enterprises. They have a ceiling support manual to assist you, and they can help you determine the safety of your structure. You can reach SouthPaw by e-mail at therapy@southpawenterprises.com or phone at (800) 228-1698.

Installer Information

The typical installation consists of a forged (*not formed*) eyebolt rated for at least 1200 lbs mounted through a hole drilled in the center of an exposed overhead wooden beam or joist secured with a fender washer, lock washer and nut on top. The recommended eyebolt is either $\frac{3}{8}$ " or $\frac{1}{2}$ " in diameter and must be an inch longer than the thickness of the beam. A screw eyebolt or hook should not be used because they will not meet weight load and safety requirements.



$\frac{3}{8}$ " Forged Eye Bolt



Formed Eye Bolt — Do Not Use!



Simpson Strong Tie (DTT2Z) with $\frac{3}{8}$ " Eye Bolt

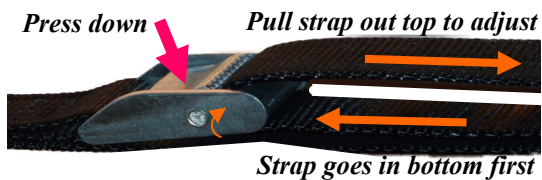
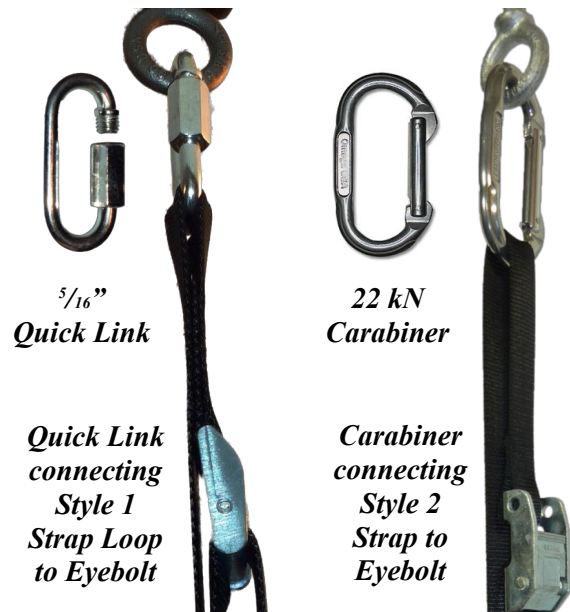
When properly installed (bolted in, not screwed in), the forged eyebolt can sustain a 1,000-pound working load at up to a 45-degree angle in any direction. In those cases where the top of the joist is not available due to an overhead floor, attachment may be made with a Simpson Strong Tie (DTT2Z) which employs 8 screws mounted into the side of the overhead beam or joist. This bracket requires the addition of $\frac{1}{2}$ " x $1\frac{1}{2}$ " long forged eyebolt with fender washer, lock washer and nut (see photo). For other hanging situations, please consult Dynamic Movement Products or a local structural engineer.

Airwalker Setup

There are two styles of the Airwalker Adjustable Hanging Strap: Style 1 with a hanging loop and Style 2 without the hanging loop. Both styles require either a Quick Link or a Climbing Carabiner (22 kN minimum rating) to connect them to the Eyebolt. This provides a simple method to remove the Airwalker for storage when not in use, and protects the webbing strap from abrasion if looped directly through the rough surface of the forged eyebolt. Always check to make sure the Quick Link nut is tight or the gate on the carabiner is closed properly before using!

Install a 5/16" or 3/8" Quick Link, or 22kN minimum Climbing Carabiner between the eyebolt and the hanging loop of a Style 1 adjustable webbing strap or the webbing of a Style 2 strap as shown at right.

Then thread the end of the Adjustable Hanging Strap through the top opening of the Airwalker rotator, and then up through the **bottom** of the clamp while depressing the release lever. The clamp will be one of the two versions shown below.



IMPORTANT: The clamp will not hold the strap if it is inserted from the top side. Always test and make sure the clamp is holding properly before using!



Airwalker Safety

Remember that during treatment activities, the pull will not always be straight down. Even a gentle swing on the equipment varies the angle of pull on the ceiling support point. There should be no more than a 1/4 inch of movement in your eye bolt. A ceiling support eye bolt which sways back and forth more than a 1/4 inch is UNSAFE. If your ceiling support point moves or rotates, it is not safe and should not be used. To be safe, all ceiling support points must be able to hold at least a 1000-pound load. The eye bolt should be at least six feet from any wall. Some bolts, such as wood screws and bent wire bolts, are unable to withstand heavy loads and excess movement. Eyebolts of this nature could pull or twist out of the ceiling support or even break in half. Once installed, check the eye bolt and all other metal items for wear. Whenever metal rubs on metal over a period of time, one of the pieces will eventually start wearing. Check your equipment regularly, when it begins to show visible signs of wear, arrange to have it fixed or replaced.

Airwalker Precautions

The Airwalker is designed to be hung by itself – please do not add any additional hanging equipment on the Airwalker suspension system. Periodically inspect the adjustable hanging strap and contact Dye-namic Movement Products, Inc. for replacement if there are significant signs of wear or fraying.

For your safety, do not use other hanging straps or connection components other than those provided by a professional installer or the SouthPaw hanging kit. Many common eyebolts, consumer load straps and carabiner-style clips will not meet this product's safe load requirements.

