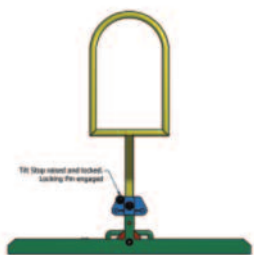
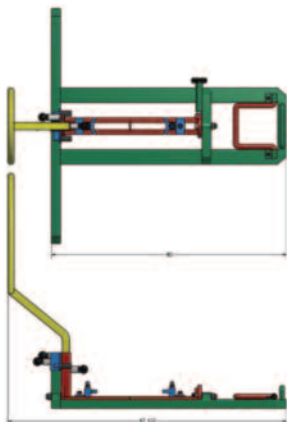
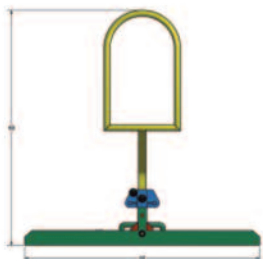


Sit Ski Trainer Specifications



Dimensions:

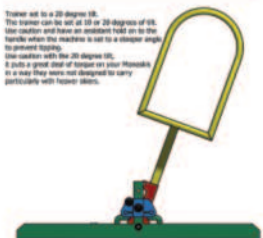
Length 47½ inches, Width 40 inches, Height 40 inches.



Tilt Stop raised and locked. Locking Pin engaged.



Tilt Stop raised in top hole to tilt at 10 degree tilt with locking pin disengaged.



Trainer set to a 20 degree tilt. The trainer can be set at 10 or 20 degrees of tilt. Use caution and have an assistant hold on to the handle when the seat is set to a steeper angle to prevent tipping. Use caution with the 20 degree tilt. It is a great deal of weight on your shoulders in a way they were not designed to carry particularly with heavier skiers.



Tilt Stop removed to straighten seat. Make sure you verify the mount is not going to bend on the trainer before you do this exercise. I would recommend a thick foam sofa cushion for the skier to sit on to prevent them from falling completely flat. Make getting up after a fall to an extremely physical experience for both the skier and the assistant.



**IF YOU WOULD LIKE TO SUPPORT OUR PROJECT
IN ANY WAY, PLEASE CONTACT US**

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Watch our videos online:

innovativeadaptivetechnologies.com



Introducing mono skiing in the safety & comfort of the indoors.

Develop your basic skills before you hit the slopes for greater success with a new sport.



innovativeadaptivetechnologies.com

Sit Ski Simulator - Trainer for Never-Ever First-Time Skiers

- Stand holds client - saves on labor costs
- Work on your balance with adjustable tension
- Safely practice the fall & getting back up
- Get dowel tested for the right ski set-up
- Work on the rotary turn
- Adjust handheld outrigger and work on turn shape
- Chair lift loading
- Transfer from chair to mono ski
- Work on dropping hip in a more advanced level of skiing
- Turn with a 10° and 20° stop
- Removeable handle for easy transfer and storage
- Bungee cords for a great workout



Trainer for Advanced Level Skiers

- It allows you to safely practice a fall and get back up with the assistance of a coach
- To practice basic rotary turns & linking carving turns
- Simulate forward tilt on the slope & off loading the chair lift
- Practicing center of balance with adjustable stops for safety
- Work on dropping the hip to initiate dynamic turns & link turns together
- The transfer from wheelchair to monoski
- Exercise the movement of forward and back to build strength and to get around in chair lines
- Fully adjustable bindings to fit any monoski
- Adjustable tension on the wheels for stationary transfer
- To assist with fitting the person in the seat



Testimonials

"It feels just like I'm on the snow right now... I love that feeling - I miss skiing already. It gives people a feeling for this. It makes them comfortable before they ever get on the snow.

*- Craig Kennedy, Client Services
Director of Stars Steamboat*

"The device Wes has developed is a great asset for programs. It's well thought out... I'm impressed.

- Steve Olafson, Paralympic Skier

"I can see where this would really come in handy when you're talking about movement patterns, as well as body separation..."

- Matt Feeney, Founder of Adaptive Adventures

Stay tuned!

The Kayak Adapter for the trainer is on the drawing board!

HISTORY

The sit ski simulator came through a vision after attending Hartford Ski Spectacular in Winter 2011 season (Dec). On a very cold day, thinking to myself as an abled body instructor, learning to ski the monoski that it felt like a difficult sport to learn. It reminded me that if anybody experiences an unpleasant first day of skiing they may not be so willing to try it again. I was very humbled with the crashes and relying on others to pick me up. I was cold and frustrated.

After my experience in the icebox, on my drive home I came up with this idea. Called my water ski buddy Stephen Harrison and shared this idea with him. Met for a beer and the napkin blueprints began. This evolved into AutoCad 3D drawings that Steve created from my wish list. We had the first two prototypes by the end of Spring 2012. After a Summer of testing, the third prototype (S³T) –Sit Ski Simulator Trainer for the beginners, came to be. Further testing with the para-olympic's alpine development team out of Aspen (Highlands), CO, the second model the (S³RT) –Sit Ski Simulator Racer's Trainer, an advanced version for race training was created. Our third prototype of the S³T, just in time for its debut, a year later, at the Ski Spectacular 2012 held at Breckenridge, CO...with our S³RT soon to follow.

When retired US National Air Force Chief Master Sergeant Sonny Naranjo first saw the sit ski simulator in Breckenridge, he started playing with it.... he learned quickly that it had a lot of potential.

Naranjo is a consultant at Walter Reed Army Medical Center and an adaptive ski instructor. He saw the simulator as a tool that could help patients discover they could ski before they made trips to places like Colorado.

A new sit ski simulator prototype was delivered to Walter Reed. Patients are able to use it in conjunction with the hospitals Computer Assisted Rehabilitation Environment, or CAREN system.

