



SUMO 2

USER MANUAL

CONGRATULATIONS ON YOUR PURCHASE OF A SQUIRREL SUMO 2 ("PRODUCT"). BY PURCHASING THIS PRODUCT, YOU ACKNOWLEDGE THAT ENGAGING IN SKY-DIVING, BASE JUMPING, PARACHUTING, AND "WINGSUITING" IS AN INHERENTLY DANGEROUS ACTIVITY THAT REQUIRES TRAINING, PROFICIENCY, AND SKILL. USE OF THIS PRODUCT MAY RESULT IN SERIOUS INJURY OR DEATH. DO NOT USE THIS PRODUCT WITHOUT INSPECTING IT AND ALL OF ITS COMPONENTS BEFORE EACH AND EVERY USE. YOU ACKNOWLEDGE AND AGREE THAT EVEN WHEN PROPERLY USED, THIS PRODUCT MAY CAUSE SERIOUS BODILY HARM OR EVEN DEATH. YOU, THE PURCHASER, ACKNOWLEDGE AND AGREE THAT THIS PRODUCT IS INTENDED FOR INHERENTLY DANGEROUS RECREATIONAL PURPOSES, AND YOU ASSUME ALL RISK, RESPONSIBILITY, AND LIABILITY WHATSOEVER FROM ANY AND ALL INJURIES (INCLUDING DEATH), LOSSES OR DAMAGES TO PERSONS OR PROPERTY ARISING FROM THE USE OF THIS PRODUCT SOLD BY SQUIRREL, LLC TO YOU, THE PURCHASER. SQUIRREL IS NOT LIABLE FOR ANY SPECIAL, CONSEQUENTIAL, INCIDENTAL, PUNITIVE, OR INDIRECT DAMAGES OR ANTICIPATED PROFITS, HOWEVER CAUSED, IN RELATION TO THE PURCHASE AND USE OF THIS PRODUCT. IN NO EVENT SHALL SQUIRREL'S TOTAL LIABILITY TO YOU, AS PURCHASER, OR YOUR ASSIGNS, HEIRS, REPRESENTATIVES, AND OTHER SIMILARLY SITUATED PERSONS, FOR ALL DAMAGES, LOSSES, AND CAUSES OF ACTION EXCEED THE PURCHASE PRICE PAID BY YOU, THE PURCHASER, FOR THIS PRODUCT. THIS PRODUCT HAS BEEN PURCHASED BY YOU "AS IS" AND WITHOUT WARRANTIES OF ANY KIND, EITHER EXPRESS OR IMPLIED. TO THE FULLEST EXTENT PERMISSIBLE PURSUANT TO APPLICABLE LAW, SQUIRREL, LLC DISCLAIMS ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, WARRANTIES OF TITLE AND IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

Please read this carefully before doing anything with your new suit.

Thank you for flying Squirrel!

Gearing up



The order is Jacket, Rig, and then Pants.

Put the jacket on first, then your BASE rig or skydiving rig. Pants go on last.

Your pants may feel large in the waist the first time you put them on. This is normal. The volume around the waist and seat area comes from the pants, and the waist is necessarily large. **SIMPLY CINCH THE WAIST ALL THE WAY TIGHT, USING THE BELT.** No matter how big you think the pants are, or how small you think your waist is, they will cinch tight around your waist if you adjust the belt properly. Contact us if you have any questions.

The beltline of the pants should sit nice and high, above your waist. Zip, Snap, Buckle, and Cinch the pants nice and tight.



Tuck the excess belt webbing into your waistband.

The Leg Tension System



There are three settings for the leg tension system. Choose the one that will allow you to attach the triangular steel link through your shoelaces at around mid-foot. Make sure that the gate of the steel link is always properly tightened so that it cannot come undone or snag lines. Double the strap back through the buckle and make sure it is routed properly and secured, and there is enough tail left over to where it will not pull through the buckle while in flight.

No Wobble-System



The NWS is optional. Try your suit with and without. We like to fasten the Velcro cuff at or just below the knee, with it centered perfectly at the front. If you elect to use the NWS, you must fasten the two sides symmetrically.

Velcro and Zips



Close the velcro at your wrists and ankles. Triple check the pant zipper, making sure that the zipper is closed entirely and securely trapped by the ankle cuff Velcro, which should be closed snugly.



If you are jumping with massive boots, the ankle closure may not reach all the way around the top of your boot. In this case, close the ankle cuff around your ankle above the boot-line, and then pull the tension system down over the front of your boot. If this is not obviously acceptable or functional then contact Squirrel before use.

Garment Care



Your SUMO 2 can be hand washed in cold water, or machine washed cold on a gentle cycle. Never tumble dry your SUMO 2. Hang dry in the shade.

In Flight

The SUMO 2 is a modern high-volume tracking suit that can be flown to an exceptional level of performance. You must ALWAYS skydive your SUMO 2 extensively before attempting to BASE jump it. Master heading control, sink rate, maneuvers, instability recovery, and deployment before using your SUMO 2 in the BASE environment. Training is critical!

The SUMO 2 flies equally well with a narrow or a wide leg stance. Choose the leg width and position that is most comfortable for you.

As with nearly any freefall aid, de-arching will increase glide performance and arching will increase stability. It is not necessary to aggressively de-arch the SUMO 2 or to employ aggressive or overly-stiff body positions. Relax and let your torso lead the way, with your arms and legs providing balance and stability. A gentle and relaxed arch position is recommended for your first jumps.

The SUMO 2's sink rate and forward speed can be easily adjusted through simple arm movements. The suit can be flown with palms up or palms down. With your palms down, adjust your hand and arm level from waist to butt and higher as you get to know the suit. Any instability in the normal track position can be solved by relaxing and adjusting the level (height) of your arms. Glide performance comes through a combination of flattening or de-arching, and positioning your arms closer and lower on your body. Take your time - do not attempt to max out your suit in the first 15-20 skydives.

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If you have *any* questions about any product that we make, please do not hesitate to contact us.

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