



# LOW-KI

## USER MANUAL

Congratulations on your purchase of a Squirrel LOW-KI (“product”). By purchasing this product, you acknowledge that engaging in skydiving, 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 WINGSUIT**

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**BEFORE YOU BASE, SKYDIVE.**

**BEFORE YOU GET TOO CRAZY WITH YOUR LOW-KI, TRAIN!**

Even our most experienced team pilots need many skydives (10, 20, 30+, perhaps!) before they feel comfortable and confident in new wingsuit designs. These are people with 10+ years of experience, thousands of skydives, and over 1000 BASE jumps. Please take your responsible progression seriously: skydive your wingsuit extensively before you BASE jump it, and train in your wingsuit extensively before you attempt any advanced maneuvers.

The LOW-KI is designed for beginner-intermediate wingsuit pilots who want an agile and forgiving suit with acro class leading performance. Respect the limits of your abilities and progress slowly. Seek coaching and qualified instruction, and always maintain awareness of your surroundings. It is your responsibility to avoid collisions with tunnel walls, other wingsuit pilots, parachutes, all air-traffic, and the planet Earth. Skydiving and BASE jumping are extremely dangerous, and complacency kills.



# USE, CARE, AND FEEDING OF YOUR SQUIRREL

## High Aspect Ratio Inlet

The High Aspect Ratio Inlets on the front side of your suit require some care. Try not to store your suit in a tightly packed configuration. Do not store your suit folded tightly in hot conditions. For instance, don't leave it crammed into your stash bag in a hot car for a few hours. In the case of inlet deformation, massaging them into shape at or above room temperature will help to reform them.



## Arm Foam Options

Your LOW-KI is shipped with 5mm black foam, which is inserted in the arms. We recommend starting with this foam option. The LOW-KI may be jumped without this foam, but your leading edge will appear less smooth, and be less efficient in flight.

### THE "FREESTYLE" AIRFOIL CROSS-SECTION

The optional "Freestyle" foam is recommended. The Freestyle foam improves speed and glide performance, and makes transitions feel more agile and precise. Adding in this enhanced leading-edge structure will slightly change the BOC and Riser access. Use caution in any situation where a low deployment may occur.





## Attaching Your Suit and Gearing Up

For a comprehensive video on how to attach your container to your wingsuit, please watch our Gearing Up video: <http://squirrel.ws/gearingup>

### Zipper Bungees

The bungees that hold the zippers tight to the main lift webbing (MLW) of your harness must always be connected. **DO NOT** jump your suit without the zipper bungees set tightly around your harness MLW. Securing the bungees on the inside of the MLW usually results in the zippers being closer, and the hole being smaller.



Keep zippers close against MLW webbing.



Handles completely exposed.  
Zippers tight against MLW.

We highly recommend using a standard pillow handle as the best choice for wingsuit flying. For more detailed information on the decision of what handle type is best, please see our Reserve Handle Information PDF here: <http://squirrel.ws/handles>

**NOTE:** If you think that the zipper system is not functioning well with your skydive harness (i.e. your emergency handles are not always 100% accessible), please contact us before your next jump. You may need to modify the zippers so that the sliders stay locked in place, as per the information at this URL: <http://squirrel.ws/zipperstuff>

## Holding Your Grippers

The LOW-KI grippers are shorter than any of our other wingsuits, and meant to sit slightly “out of the way” of your hands. This makes taking grips on other pilots easier, and reflects the fact that the grippers aren’t necessary to hold. You can comfortably fly your suit from exit to deployment without ever touching the grippers, but they are present if you want to use them in certain maneuvers.



## The MonoChamber

The LOW-KI uses the MonoChamber design. Air flows through channels located behind the upper leg area, allowing the arm wings and leg wing to share pressurization. In addition to smoothing out the leg wing / arm wing junction at the top surface, the MonoChamber creates a more consistent and coordinated feel in the wing. The most descriptive word we can use is “homogeneity”. The suit feels more homogenous and compact in maneuvers, as the wings are no longer separate chambers.



## Arm and Leg Wing Internal Zippers

The LOW-KI’s internal pressure can be fully customized. For the greatest range and performance, we recommend flying with zippers closed. You may experiment with opening them to reduce internal pressure in the arm and leg wings, which will make the arm wings feel more supple and may be to your liking for certain maneuvers. Make zipper-checks a part of your pre-flight checklist – zips should be set symmetrically and in the position you intend, before exit.



## Chest Pocket

The chest pocket can be used as a belly-cam access zip while also having your phone secured behind the Velcro strip. Note that it zips open / closed from both sides, so always keep your phone behind the velcro strip in case one or both of the zippers are left open.



## Leg Wing Zipper Pulls

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Always fasten your leg wing zipper pulls. If you walk around with them dragging on the ground, you will ruin them. If your suit is on, have the zipper pulls connected. Do not drag them through the dirt.



## Sleeping And Bathing Your Squirrel

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Don't smother your Squirrel! When it's hibernating, it likes to breathe and relax in a cool, dry, comfortable nest. Do not store your suit for long periods of time in a tightly folded or compressed manner. Always fully shade-dry your suit if it becomes wet or damp. Gently rinse with fresh water to clean, or if ever exposed to salt water. Never use chemical detergents – Squirrels like it all natural, all the time!



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

## Contact Us

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Please consider the following important points:

1. We designed, tested, and built your wingsuit.
2. Our job is to make sure that you fly as safely as possible, while having the most fun possible.
3. Our job is to help you understand, use, and progress in your suit.
4. Our job is to answer your questions, and we like our job.

For these reasons, we highly recommend that you contact US (SQRL) if you have any questions about any product that we make. We 100% guarantee that the information you receive from us will be more relevant, more accurate, and more thorough than anything you can find in facebook comments, internet forums, or even your DZ rigger / gear shop guru. So, again, call us. Email us. Together with your dealer & the local SQRL pros near you, we're here to help.

***-Matt, Mike, Will, Marty, & All the Team.***

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THANK YOU FOR FLYING SQUIRREL!

