

# SIERRA DESIGNS

## ORION AST



**Your Sierra Designs ORION AST (Arch Support Technology) tent is very easy to pitch and maintain. Follow these instructions to pitch your tent quickly, safely and easily.**

### ORION AST TENT CONTENTS

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\* Sierra Designs tents include stakes for pitching the body and fly under normal conditions. Additional stakes may be required in severe conditions.

### First Pitch

In order to familiarize yourself with your new tent, we suggest that you "test pitch" it before embarking on a wilderness trip.

### Select a Site

Look for a level spot that is protected from the wind in order to ensure sleeping comfort. Clear the area of debris such as sharp stones and sticks which might abrade or puncture the tent floor. Choose an area that will drain well when it rains.

### Unfurl the Tent and Assemble the Poles

Unfurl the tent and lay the tent floor flat on the ground with the door unzipped. Carefully unfold the shock corded pole sections and allow them to slide together. Do not allow the poles to snap together: This can lead to serious pole damage. Make certain that the insert of each pole section is fully inserted into the next pole section (Figure 1). You will have two straight poles of equal length and one curved shorter pole. Twist the sections of the short pole so that they form a continuous arch.

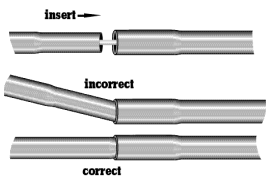


Figure 1: Correct Pole Assembly

### Stake Out the Tent Floor

The Orion AST is a completely freestanding tent. It is not necessary to stake down the tent floor in order to pitch it. However, we recommend that the tent be staked down for stability, especially in high winds.

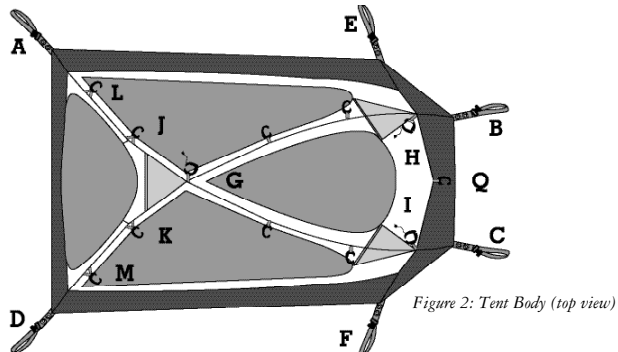


Figure 2: Tent Body (top view)

### Erect the Tent

Insert the metal tips of one of the two long poles into the grommets at points A and C (Figure 2). Insert the metal tips of the other long pole into the grommets at points B and D. Next, hook the Clip-Loc™ at point G (do not attach the cord yet). Following the tent seams between points A and C, and B and D, attach all of the Swift Clips™ to their corresponding tent poles (Swift Clips are the Clips without



cords). Insert the metal tips of the short pole at points E and F. Once the small pole is in place with the Swift Clip, hook the Clip-Locs at points H and I over the corresponding intersection with the open gate of the Clip pointing towards the front of the tent. Now

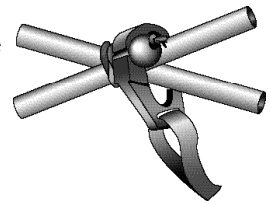


Figure 3: Clip-Loc

attach the cord at points H, I and G by wrapping the cord in the direction crossing the open gate of the Clip. Wrap the cord around the pole intersection two to four times, depending on desired firmness, then slide the cord into the groove on the backside of the clip to hold it taut (Figure 3).

### Flysheet

Drape the fly over the tent and position the vestibule and zipper over the tent door (Figure 4). Attach the fly to the tent poles using Velcro® wraps at points J, K, L, M, H, and I. At points A, B, C, D, E and F, there are 3/4" side-release "fly clip" buckles. Clip these buckles into their corresponding mates on the tent floor and pull the straps until the fly is taut (Figure 5). By clipping the blue webbing strap on the rainfly to a blue webbing strap on the body, you are guaranteed a fast, proper rainfly set-up every time. Now, with the vestibule zipped shut, pull out points O and N until the vestibule is taut and stake it down in that position. Points R, P and Q of the fly can be staked out for improved ventilation. In high winds, the fly can also be guyed out via the loops at points H, I, L, and M.

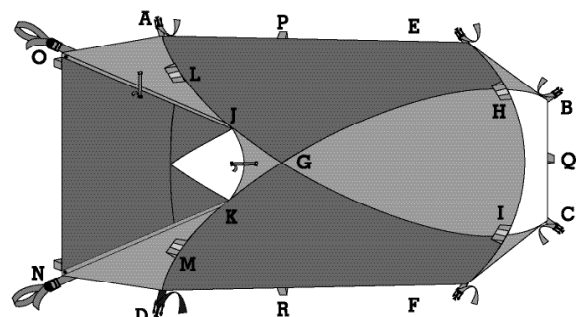


Figure 4: Flysheet (top view)

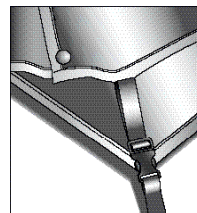


Figure 5: Fly Clip

### Ventilation

With the rainfly on, airflow is increased by guying out the rainfly away from the tent walls. Note that the vestibule door can be folded back and tied in an open position. There are also zipper sliders at the top of the door which allow you to vent the tent in rainy weather. Please note that 8 tent stakes and 4 guy cords were provided with this tent as a courtesy. If you choose to use more than this when pitching your tent, additional stakes and cord may be purchased at the store where you originally purchased your tent.