

# **FASTFLIGHT-Silvertip Recurve** **Take-Down and One-Piece Instructions**

*This Silvertip bow is designed for use with Fast Flite or comparable strings. Keep in mind that not all models are built with this option so look for the FF symbol on the limbs as well as the riser to confirm this prior to shooting any Schafer Bows. I **will not** take responsibility for damages due to the result of improper stringing or unstringing.*

## **ASSEMBLY INSTRUCTIONS**

(For one-piece bows skip to #2 of assembly instructions)

1. Observe contours to determine the proper placement of the top and bottom limb.

- For the knob-style attachment, align the limb over the limb bolt and guide pin to lie flat against the riser. Next place the plastic washer over the limb bolt. Finally hand tighten the threaded knobs down snug (not too tight) on the top of the washer.
- For the Allen- style attachment, assemble the allen pieces first by placing the bezel and the washer on the bolt (bezel first) so that the allen head counter sinks into the bezel. Next place limb over the guide pin and align the bolt holes. Place the assembled bolt through the limb and into the riser. Pay attention that the limb remains flush as this will act as your guide to insure the bolt threads straight into the riser.

*(If you are using a style of quiver that mounts over the limb bolt it is not necessary to use the washer providing the quiver has adequate padding that will not scratch or damage the bow.)*

2. There are two different size loops on a bow string. Slide the big loop over and down the top limb. Then place the small loop in the string groove on the bottom limb. Observe the string placement at all times to make sure that it is lying down the center of both limbs.

3. Refer to your Thunderhorn stringing instructions to finish assembly. At each step remember to check the string to see that it is lying down the center of both limbs. A string slightly off center could do a great deal of damage to your bow, so please be extremely careful.

## **SET/UP AND TUNING INFORMATION**

- We recommend a 16 or 18 strand FF string with a 20 strand padded loop (no lower than 14 strand with a 22 padded loop). Customers are using many other string materials as well as so here are some further recommendations if using strings not provided by Schafer Bows. For both Dyna97 and 450 Plus I would recommend not going lower than 10 strands with a 14 strand padded loop. If you are considering using a string that could possibly void your warranty please call first to confirm that it is a suitable material for our bows.
- String length should be about 4" shorter than the bow length. String length can be adjusted by twisting or untwisting your string. Twisting the string tighter will shorten the string and increase your brace height. Untwisting the string will loosen/lengthen the string and decrease your brace height. Be sure you are twisting the correct direction because the string will unravel if untwisted too far.
- Recommended brace height is 7 1/4" - 7 1/2" measured from the deepest part of the grip's throat. A string will stretch after you use it, so be sure to recheck your brace height after you have shot for a while.
- Recommended nock point is 5/16" - 7/16" measured from the top of the elevated rest or shelf material.
- If you have tail left arrow flight you are underspined. If you have tail right arrow flight you are over spined. (Opposite for left handers) If you have erratic up and down arrow flight adjust nock point.

## **ARROW RECOMMENDATIONS**

- Based on my own experience as well as feedback from customers over the years, I have found that the Schafer bows tend to take a slightly heavier spined arrow. With the FF option this need for an increase in spine will be even more noticeable. There are many variables to determining the right arrow for an individual so this is simply information to consider prior to searching for the perfect arrow. The following are aluminum arrow recommendations which reflect this increase in spine and are based on 125 grain point with 28" draw. For each inch of draw over 28" you may consider going up one arrow in spine. Likewise, for each inch of draw below 28" you may consider going down one arrow in spine.

49# - 54# = 2018

54# - 59# = 2117 or 2020

59# - 64# = 2216

64# - 70# = 2219

70# - 76# = 2219 or 2317

76# - 82# = 2317 or 2419

- If you are shooting with wood arrows I recommend going about 10#'s heavier in spine than what the charts would recommend.
- For extended bow life, I recommend shooting a minimum of 8.0 grains per pound of bow weight, ideally heavier. Total arrow grain weight divided by bow poundage = grains per pound.

