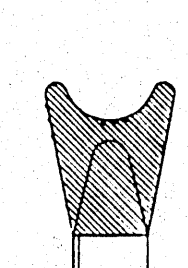


90.0 inches



143, 153, 163 all Solid



SuperSport 143 / 153 / 163 BATTEN TRUING INSTRUCTIONS - 6/3/91
IT IS IMPORTANT TO FOLLOW THE PROPER PROCEDURE WHEN USING THIS PATTERN TO TRUE YOUR BATTENS.

- (1) Do not attempt to true battens on the ground or any other surface that is not both smooth and flat.
- (2) The batten lengths shown on this template correspond to the SuperSport 163 only if the pattern is printed at the correct scale.

The SS 153 battens are the same length as the SS 163 except for the no. 10 which is approximately 2.25 inches shorter in the rear.

The SS 143 no. 9 batten does not have an arrowshaft and there is no no. 10. Also, the SS 143 no. 7/8/9 battens are slightly longer than shown.

- (3) Lay each batten inside the heavy outline on the diagram. The rear 75% of each batten is straight. Align this portion of the batten with the corresponding section of the template. Slide the batten into the proper position by registering the front batten tip vertically over its outline on the pattern. No part of the batten should deviate more than 1/4 inch from the pattern profile.

- (4) There are (9) full length cambered 7075 battens, no. 2 through no. 10 (except for the 143 which has (8) battens, no. 2 through no. 9).

(1) straight no. 1 and (3) straight bottom surface battens for each wing.

The 1/2 inch diameter nose batten is not normally removed from the foil.

Take care that you are truing each batten to the correct curve. The location of the rear batten tips on the pattern, while not precise, will help verify the correct template.

- (5) When inserting and removing the no. 10 battens, extra care must be taken to avoid decambering the batten or damaging the foil. Lift the keel at the rear enough to allow the batten to slide in as easily as the shorter battens.
- (6) It is not necessary to true the battens after every flight, but you should check them at least once a month, or after any hard landing or other ground handling mishap. You SHOULD check your battens for symmetry before every flight.
- (7) If you have any questions, please consult your dealer or call Wills Wing at (714) 547-6366. Please read the additional maintenance and tuning information in your owners manual. Have fun and fly safely!

WILLS WING SuperSport 163 • 153 • 143

- NOSE
- NO.10
- NO.9
- NO.8
- NO.7
- NO.6
- NO.5
- NO.4
- NO.3
- NO.2