

SPECIFICATIONS FOR THE *WINDSPILL(tm) DELUXE* BANNER MOUNTING SYSTEM (U.S. PATENT # 5,463,973)

BASE UNIT (Product #5510)

The Base Unit is to be constructed of heat-treated (T51), 356 aluminum alloy and to weigh a minimum of 1 pound.

The Base Unit must be able to be affixed to a minimum 3 1/2" diameter round pole or a minimum 3" square pole. A double layer of 3/4" stainless steel banding secured with 3/4" stainless steel buckles shall be the method of attachment to poles. The Base Unit must be able to be mounted either end up or down.

In addition, the Base Unit must also be able to be affixed to a flat surface or a wood pole with two lag bolts. NOTE: When affixed with lag bolts, the Arm Unit must be easily removable over the heads of the lag bolts.

The base unit shall serve as the deluxe attachment mechanism for the Arm Unit and the Flag Attachment Unit.

ARM UNIT (Product #5520)

The Pole Arm Unit is to be constructed of heat treated (T51), 356 aluminum alloy and weigh a minimum of 30 oz.. The Pole Arm Unit must clearly indicate on the face which end should face the banner for proper and easy installation.

It must be designed to securely interlock with the T-shaped Base Unit to form a complete, adjustable Deluxe Banner Mounting System that will accommodate a banner with up to a 20 sq. ft. surface area. The Arm Unit must be removable from the Base Unit from either direction (up or down), but not able to fall free from the base unit in case the attachment bolts are not properly tightened. It must be held securely to the base unit by tightening two 3/4" long self-locking hex washer flange bolts (steel zinc plated). There shall be two bolt slots that will allow the Arm Unit to be adjusted up to 2 inches (top and bottom) without rebanding the base unit. Moreover, the bolt slots shall allow the passage of lag bolts through the Arm Unit should it be desired to mount directly to a surface without the use of a Base Unit.

A banner tie down attachment shall be part of the Unit in order to tie a banner directly to the Arm Unit for safety purposes. The Pole Arm unit shall have a 1 1/2" deep casting to hold a 13/16" fiberglass pole arm securely with 2-part epoxy which eliminates the necessity of drilling or weakening the fiberglass arm. The fiberglass arm shall be of the proper length and strength to hold the banner taut in 60 mph or more winds without distortion, yet give enough to "spill" the wind force off the banner and then return to the original position. The Arm Unit shall hold the fiberglass rod at the proper angle (upper and lower) to mount the banner evenly taut across its entire surface. In addition, the Pole Arm Unit must be able to be mounted to a pole or flat surface by itself (without the use of a Base Unit) for temporary usage with banners up to 12.5 sq. ft. surface area. The Arm Unit shall incorporate a means of securely holding and guiding up to 3/4" wide banding should it be used in this manner.

The Deluxe Windspill(tm) Banner Mounting system shall be warranted for 5 full calendar years when properly installed.