

AERIAL PATROL MARKERS BENT STYLE

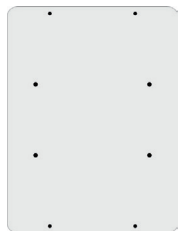
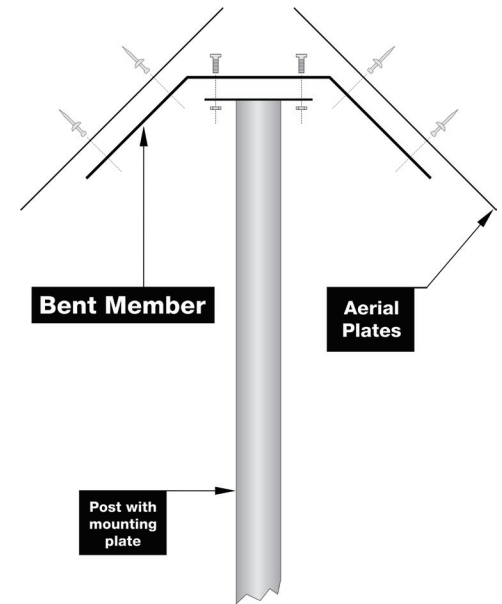
Vulcan's Bent Style Aerial Markers were developed to alleviate problems when handling and erecting Frame Style Aerial Markers. Welded frame style markers that up an enormous amount of space to ship, store, and transport into the field. Insect nests are common on frame style markers whereas Bent Style have an open bottom and top. Most importantly the Bent Style frame has higher strength since the aerial plates are assembled in the center versus the edge of the plate as forces are centered in the middle of an object.

The integral component of our **Bent Style Aerial Marker** is the laser fabricated internal aluminum plate which is then CNC formed at 45 degrees on either side. This aluminum is 0.100" thick and made from 5052-H38. The chemical composition of 5052 has incredibly good corrosion properties and the H38 is the hardness or strength of the aluminum.

The 45-degree sides are pre-punched with holes that mate to our aerial plates. The aerial plates can be assembled with aluminum blind rivets. This affords much faster assembly. Phillips drive round head screws and elastic stop nuts can be supplied as well. Elastic stop nuts are important due to the vibrations that occurs in the outdoor environment.

The width of the Bent Frame is dependent on the number of Aerial Plates needed and the width of the aerial plates. A two digit Bent Frame using the standard 12" wide x 16" tall aerial plate will be 24" wide.

ARERIAL: The industry standard aerial plate size is 12" wide x 16" tall with a 14" tall character. The aerial plate is made from 0.505 thick 5052-H38 aluminum. Each plate has rounded corners for safety and comes with mounting holes for the bent frames and holes for our frame style aerial patrol markers. These plates are screen printed using our Thermo-Set Polyester inks, the absolute best for outdoor durability.



MOUNTING: Our Aerial Marker Post is designed to mate with our Bent Style Aerial Markers. The 10' x 2 3/8" steel galvanized post has a steel plate welded atop to assemble the Bent Frame. Each aerial bent frame comes with 4 - 3/8" holes in the center to allow for the mounting. Additionally, we have several mounting adaptors for other type and styles of posts or existing posts in the field.