

AERIAL PATROL MARKERS FRAME STYLE

Vulcan's Frame Style Aerial Markers were the industry standard for many years. These frames are made from aluminum angle that is precisely cut and MIG welded. We use various jigs and fixtures to ensure squareness, alignment of mounting holes for aerial plates and overall strength.

We can also provide these Frame Style Aerial Markers made of hot rolled steel. The frames are made in the same fashion as aluminum. Once all the fabrication and welding has been completed, each frame is then hot dipped galvanized.

The aluminum angle used is 1" x 1" architectural angle. The angle is extruded aluminum alloy 6061-T6. This is the strongest extrusion alloy outside of aerospace materials. The top angle is made from 1.5" x 1.5" architectural angle to provide more clearance space for attachment of aerial plates.

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

AERIAL PLATES

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.

Phillips drive round head screws and elastic stop nuts are supplied with each aerial plate when ordered with the frame. Elastic stop nuts are important due to the vibrations that occurs in the outdoor environment.



MOUNTING

The Frame Style Aerial marker has many different methods for mounting. The mounting method dictates how the frame is manufactured. The most common used is a round post. The OD of the post needs to be known prior to manufacturing.