

Jack Stay Pattern:

The use of the Jack Stay is very diverse. This search pattern allows for some variation on the length of the search line, while keeping relative consistency on the tightness of the pattern. It allows for a large amount of overlap in the search area. This is especially important when searching for items that are located in areas which are deep, and when the object is to find a medium to small sized item, such as a body, weapon, purse, safe, etc. It has been our goal to enhance its ability to safely recover items that are found anywhere in the county. Since there are some deep lakes that require special search types, we find that the Jack Stay would probably be the most effective in those deeper waters.

Items Used	Quantity Needed	Dimensions Recommended	Purpose
Large Marker Buoys	6	Optional	Identify search grid
Anchors	2	10 lb sash weights	Anchor two most distant marker buoys
Auto Wheels	2	15 inch diameter or under	Act as pivot point, adjusts sweep width. Anchors for closest marker buoys. Easily managed by diver.
1/4 in white Nylon Poly-line	6	Optional (length determined by depth of search area)	Connect marker buoys with corners of search pattern and to wheel buoys.
3/8 in yellow floating polypropylene	1	Optional (length determined by size of search area)	Connect the two wheels.
3/8 in yellow floating polypropylene	1	Optional (length determined by depth and size of search area)	Safety line to diver

Items Needed for Jack Stay Setup.

Jack Stay Setup

