

N7NYG

A Portable VHF/UHF Antenna System

I put together a VHF/UHF antenna system today and I thought I'd share it with you in case you thought it might have any significance for the group.

As you can tell, it uses the weight of a vehicle tire to hold it in place.

I welded the support together from a piece of 4 inch wide by 1/4 inch thick steel...length to suit the need, but probably around 18 inches minimum for the plate and pipe section.

The mast is some Army surplus aluminum tent poles that slip together. Four of them make a 15 foot mast. You just assemble the whole thing on the ground and then walk it up and put it in the support pipe. It is very light weight and easy to handle. I included a closeup photo of the antenna sitting on a pole section so you can see what the antenna looks like and how it attaches.

The antenna is by Arrow Antennas and it is a J pole design so no fancy electronics or matching circuits are used. It is rugged and built from aluminum and stainless steel.

I'm available for the welding if anybody wants to make one and they don't have welding capability. Just bring the components!

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