

Setting Up a G5-RV Antenna Using a Military Mast System.

A demonstration by Mark Hayden, N7YLA

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Unpacking the gear.



Unpacking 4 foot mast sections and laying them out





Putting the sections together. These military masts are aluminum and were originally used to hold camouflage netting.



Assembly of base stand



This is the easy way to do it.



Lay base stand out like this



Insert mast on base stand



Push in all the way



Attach 3 guy lines to guy rings 120 degrees apart



Attach rope to pulley at top of the mast. The G5RV antenna will be hoisted after the mast is erected.



One person can tilt up the mast.



It takes *at least* four helpers to stake down the guy lines in a safe manner.





Guy lines are staked down, and we are ready to raise the G5RV dipole antenna.



The G5RV Multiband HF antenna



Attach guy lines to dipole insulators



Hoist the antenna slowly! Have helpers at both ends of antenna!



Re-stake guy lines as needed to keep mast vertical.



Using an antenna analyzer to check SWR



On 20 meters the SWR is 1.5 to 1 VERY GOOD!



Antenna Crew 2007

