

## 20 METER VERTICAL ANTENNA OPERATING INSTRUCTIONS

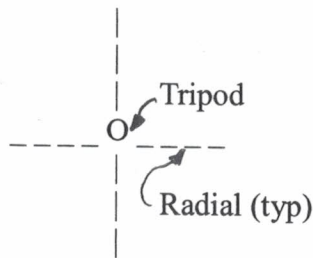
To operate the 20 meter vertical antenna you will need to follow these simple instructions in order to deploy the antenna safely. Please use care when setting it up and taking it down. Enjoy !!

### Materials / items needed:

- 1) Coax feed line to run between the antenna feed point and the outside access box.
- 2) Tripod with antenna mount and radials ( assembled for you)
- 3) Antenna (this is a 2 part item and should be left as 1 unit) no adjustment is needed.
- 4) Screwdriver to open (and close when finished) the outside access box.
- 5) (4) tent stakes
- 6) Hammer
- 7) Barrel connector ( should be one on the antenna feed point for you)

### Steps:

- 1) Open outside access box and attached coax feed line to point "B". Uncoil coax to mid field.
- 2) Step up antenna trip pod approximately 5' from end of feed line and connect the 2 together.
- 3) Uncoil the (4) radial lines and lay them out in and "+" format (see below)



- 4) stake the radials down ( just enough to keep them straight)
- 5) Screw in antenna into mount.

This set up does not require guying, but if you feel that the winds are gusty (over 20mph) then you should guy the mast down.

### Operations:

The Yaseu 897 is all hooked up and the antenna has been tuned to the entire 20 meter band only. Please do not try to operate on any other bands. Down the line I will be adding other bands and you will only have to unscrew the antenna and replace it with the band that you want to work.

Have Fun !! And remember to log your contacts / and stick a pin in a new state - We need all 50 !!