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SPI-RO MANUFACTURING, INC.

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INSTALLATION INSTRUCTIONS

for

T-40 Antenna Trap(s)

The T-40 antenna trap(s) are used for making a 5 band dipole or vertical "sloper" antenna.

***** WARNING *****

ANY ANTENNA ELEMENTS, WIRES, LEAD-INS OR FEEDLINES SHOULD NEVER COME CLOSE TO, OR CROSS ANY ELECTRICAL LINES. TO AVOID ELECTRICAL SHOCK, STAY AWAY FROM ALL OVERHEAD LINES. NEVER USE ALUMINUM LADDERS, USE WOODEN LADDERS OR SUPPORTS, IT'S ALWAYS GOOD PRACTICE TO HAVE AN EXTRA PERSON ON THE JOB TO HELP LOOK OUT FOR HAZARDOUS CONDITIONS, AND PROVIDE AN EXTRA MARGIN OF SAFETY.

For constructing a Dipole antenna, cut the elements to the lengths listed below:

From center connector to trap

20'11" 32 feet

Trap 32'

From trap to end insulator

32'

20'10"

Trap

20'11"

Remember to make each half of the antenna at equal lengths. When making adjustments, make the same adjustments on each half of the antenna.

Sometimes element lengths will need adjusting to obtain a low SWR, depending on the antenna height and surrounding objects.

To raise the operating frequency, the elements should be shortened. To lower the operating frequency, the elements should be lengthened.

For constructing a Vertical "Sloper" antenna (uses only 1 trap) for 5-band operation install the elements to the lengths listed below:

From the feed connector to trap

32 feet

From trap to end insulator

20'11"

Make adjustments a little at a time, shortening the elements to raise the operating frequency, and lengthening the elements to lower the operating frequency.

Dotted end of trap towards feed line!



