

T0B06 (D)

What is the most important safety precaution to observe when putting up an antenna tower?

- A. Install steps on the tower for safe climbing
- B. Insulate the base of the tower to avoid lightning strikes
- C. Ground the base of the tower to prevent lightning strikes
- D. Look for and stay clear of any overhead electrical wires**

T0B07 (D)

How should the guy wires for an antenna tower be installed?

- A. So each guy wire anchor point has an even number of wires
- B. So that no guy wire is more than 25 feet long
- C. Each guy wire must be pulled as tight as possible
- D. In accordance with the tower manufacturer's instructions**

T0B08 (D)

What is a safe distance from a power line to allow when installing an antenna?

- A. Half the width of your property unless the wires are at least 23 feet high
- B. 12.5 feet in most metropolitan areas
- C. 36 meters plus 1/2 wavelength at the operating frequency
- D. So that if the antenna falls unexpectedly, no part of it can come closer than 10 feet to the power wires**

T0B09 (D)

What is the most important safety rule to remember when using a crank-up tower?

- A. This type of tower must never be painted
- B. Crank up towers must be raised and lowered frequently to keep them properly lubricated
- C. Winch cables must be specially rated for use on this type of tower
- D. A crank-up tower should never be climbed unless it is in the fully lowered position**

T0B10 (C)

Why is stainless steel hardware used on many antennas instead of other metals?

- A. Stainless steel is a better electrical conductor
- B. Stainless steel weighs less than other metals
- C. Stainless steel parts are much less likely to corrode**
- D. Stainless steel costs less than other metals

T0B11 (C)

What is considered to be an adequate ground for a tower?

- A. A single 4 foot ground rod, driven into the earth no more than 12 inches from the base
- B. A screen of 120 radial wires
- C. Separate 8 foot long ground rods for each tower leg, bonded to the tower and each other**
- D. A connection between the tower base and a cold water pipe