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FOLLOW THESE PROCEDURES FOR THE SAFEST INSTALLATION

1.Perform as much of the antenna assembly as possible on the ground.

2.Watch out for overhead power lines. Observe the distance to the power lines before you start installing.IT IS RECOMMEND ED THAT YOU STAY A MINIMUM OF 2 TIMES THE MAXIMUMLENGTH OF THE ANTENNA ASSEMBLY AWAY FROM ALL POWER LINES.

3.Do not use a metal ladder.

4.Remember, even the slightest touch of an antenna to a powerline can cause a fatal shock.

5.Do NOT try to do the job in adverse Weather or Wind.

6.Employ a Safety Spotter when you're on the roof. They can see things you can't.

7.If you lose control during erection, move away & protect yourself.

8.If any part should come into contact with a power line CALL YOUR LOCAL POWER COMPANY! DO NOT TRY TO DO IT YOURSELF! They will remove it safely.

9.Mast, lead-in, and metal guy wires are excellent conductors of electrical current - - keep them away from power lines too.

10.Be sure onlookers understand the danger of touching any powerline. Instruct them never to try to remove any object in contact with a power line - - CB, TV antenna, or anything else.

11.Assure that the antenna mast assembly is properly grounded.

IF AN ACCIDENT SHOULD OCCUR WITH THE POWER LINES (Recommended by the Nation Consumer Product Safety Council.)

1.Do NOT grab hold of a person in contact with the antenna and powerline. You will be in danger and subject to shocking and severe danger!

2.Use a DRY board, stick, or rope to push or pull the antenna and/or victim.

3.If the victim has stopped breathing, and it is safe to approach, administer PR and stay with that person.

IMPORTANT GUIDELINES FOR INSTALLING ANTENNAS!

If you're not sure about careful, safe installation – do NOT try to do it yourself. Call for professional help (look up Television Antenna Systems in your area or call your local power company for recommendations).

Measure the maximum length of the antenna and mast assembly and then stay at least twice that distance away from power lines. (If you don't have at least this much space, hire a professional to do the installation.)Use only 1 1/4 in. diameter or larger antenna mast sections. Lengths over 10 ft. should be guyed at each 10 ft. section as a minimum.

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Warning

- Installation of this product near power lines is dangerous. Follow reasonable Safety procedures and the guidance of a Professional.
- Before you start installation, let us warn you of the danger of letting any part of your antenna system touch electrical power lines - - you may be killed.
  Data shows it happens more often than you realize! People fall off the roof or receive electrical shock
- Remember that the same good antenna site to be used at a premise or structure is also served by electrical power lines. If any metal antenna part touches a power line... YOU complete the electrical path to ground when you come into contact with it!

SITE SELECTION

WHERE TO INSTALL YOUR TELESCOPING MAST

Before attempting to install your antenna, think where you can best place your antenna for safety and performance.

Then, determine a safe distance from wires, power lines, and trees:

1. Measure the height of your antenna.
2. Add the antenna length to the length of your tower or mast, and then
3. Double this total for the minimum recommended safe distance.

If you are unable to maintain this safe distance...

STOP AND GET PROFESSIONAL HELP!

Most antennas are supported by pipe masts attached to the chimney, roof, or side of the house. Normally, the higher the antenna is above ground, the better it performs. A good general rule is to install your vertical antenna about 5 to 10 feet above the roof or tree line and as far away as possible from power lines and another obstruction.

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TYPES OF SUPPORT STRUCTURES AND MOUNTING

DESCRIPTION	USAGE	HEIGHT LIMITATION
Telescoping mast	**Peaked and flat type roofs. or side of structure is recommended**	**Professional installation**
Tripod mount	Peaked and flat type roofs	10 feet above rooftop
Roof mount	Peaked and flat type roofs	10 feet above rooftop
Wall mount	Side of structure	10 feet above rooftop
Chimney mount	Chimney only	10 feet above chimney top
Tower	Not recommended	For professional use only

Telescoping masts are usually mounted on the roof but can also be mounted to the side of a structure. The lower section of each telescoping mast is a different diameter. Choose the correct mount that will accept the lower section of the telescoping mast you are using.

Telescoping Mast Length	Lower Section Diameter
20 ft.	1 1/2 in.
30 ft.	1 3/4 in.
40 ft	. 2 in.
50 ft	. 2 1/4 in

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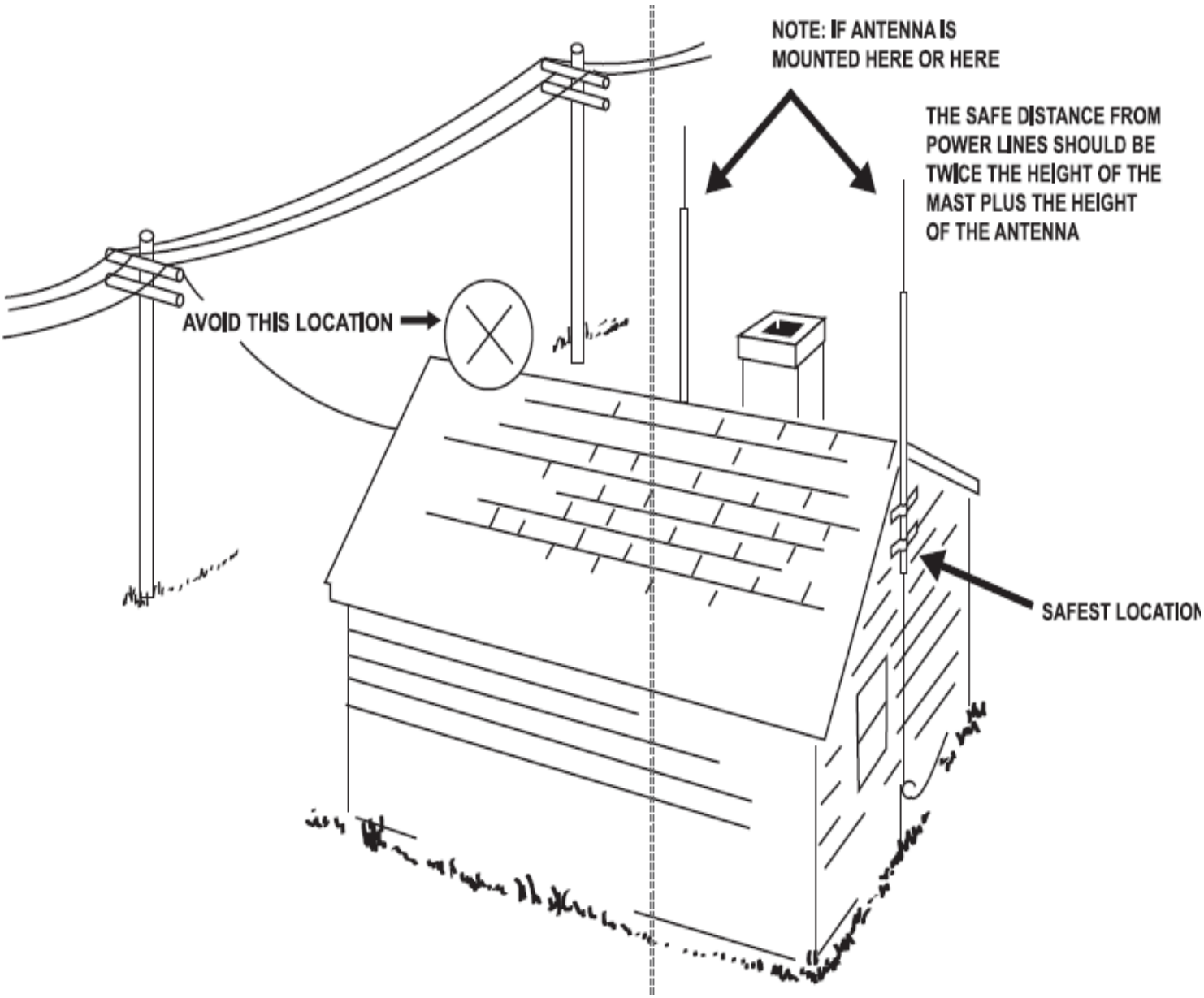

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HOW TO INSTALL YOUR TELESCOPING MAST

Note: For 50 ft. masts only, remove cotter pin and slide inner sections out past the hole. Then, insert the cotter pin into the same hole of the bottom section to support the inner mast sections as shown.

1. Select a safe position for the mount.

2. Position anchor points for the guy wire. (See Figure 1)

3. Attach guy wire (four (4) locations are recommended) to the lowest guy ring and wrap guy wire at least six (6) turns around itself. (See Figures 1 and 2)
4. Insert the lower section of the telescoping mast into the mount. Ensure that the mast is in a vertical position and secure the guy wires at the anchor points.
Note: One person is required at each anchor point to hold the buy wires as you extend the remaining sections.
5. After the guy wires have been secured for the lower section, a ladder may be leaned against the mast and tied in place.
6. Mount your antennas to the upper mast section (1 1/4 in. diameter) and secure the transmission line with standouts. Secure the upper guy ring approximately 6 in. below the antenna using a mast clamp with a bolt.
7. Raise the upper section of the mast with the mounted antenna until it reaches its stopping point. Insert the platform pin and rotate the mast until the slot in the bottom of the mast section engages with the platform pin. Tighten the “L” screw on the mast clamp to secure the upper sectioning place. (see Figure 3)
8. Using a person at each anchor point to hold the guy wires, begin raising the smallest mast section (1 1/4 in.) and secure it in place as indicated in Step 7. Continue to raise the remaining sections (smallest to largest) and secure each in place until the mast is fully extended to the necessary height.
9. After the telescoping mast is fully extended, draw the guy wires taut while keeping the mast perfectly vertical. Secure the guy wires to the anchor points. Untie ladder (from Step 5.)and carefully remove it.

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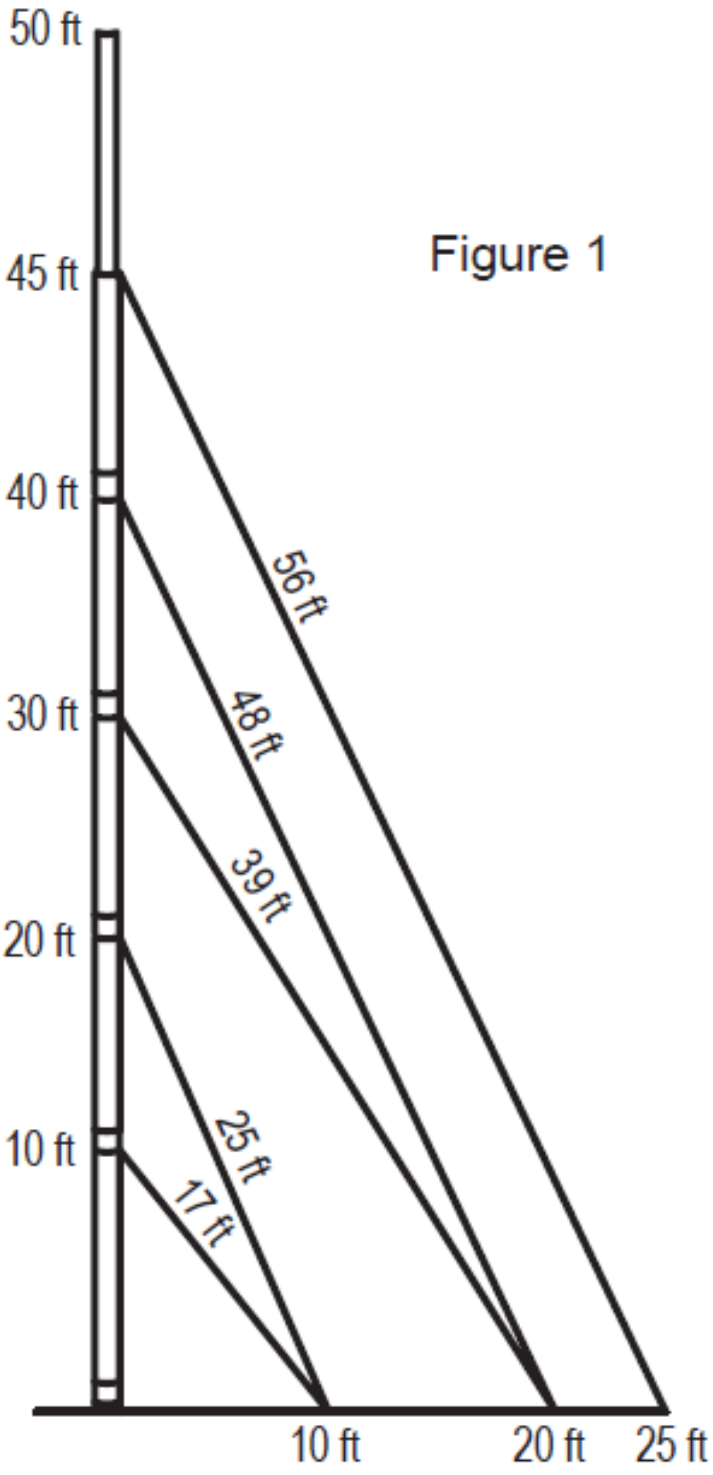

Figure 1

Figure 2

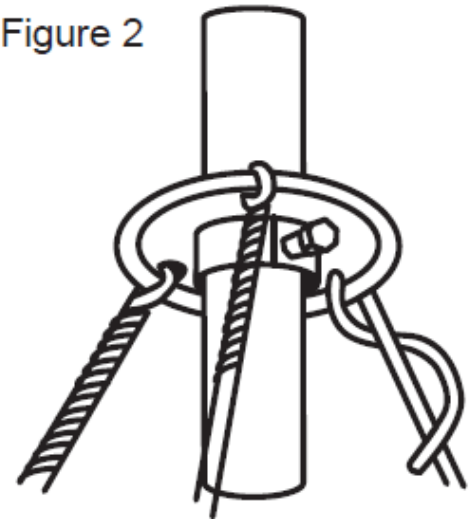

Figure 3