

CHECKLIST FOR OPERATING 6M EME STATION AT W7GJ

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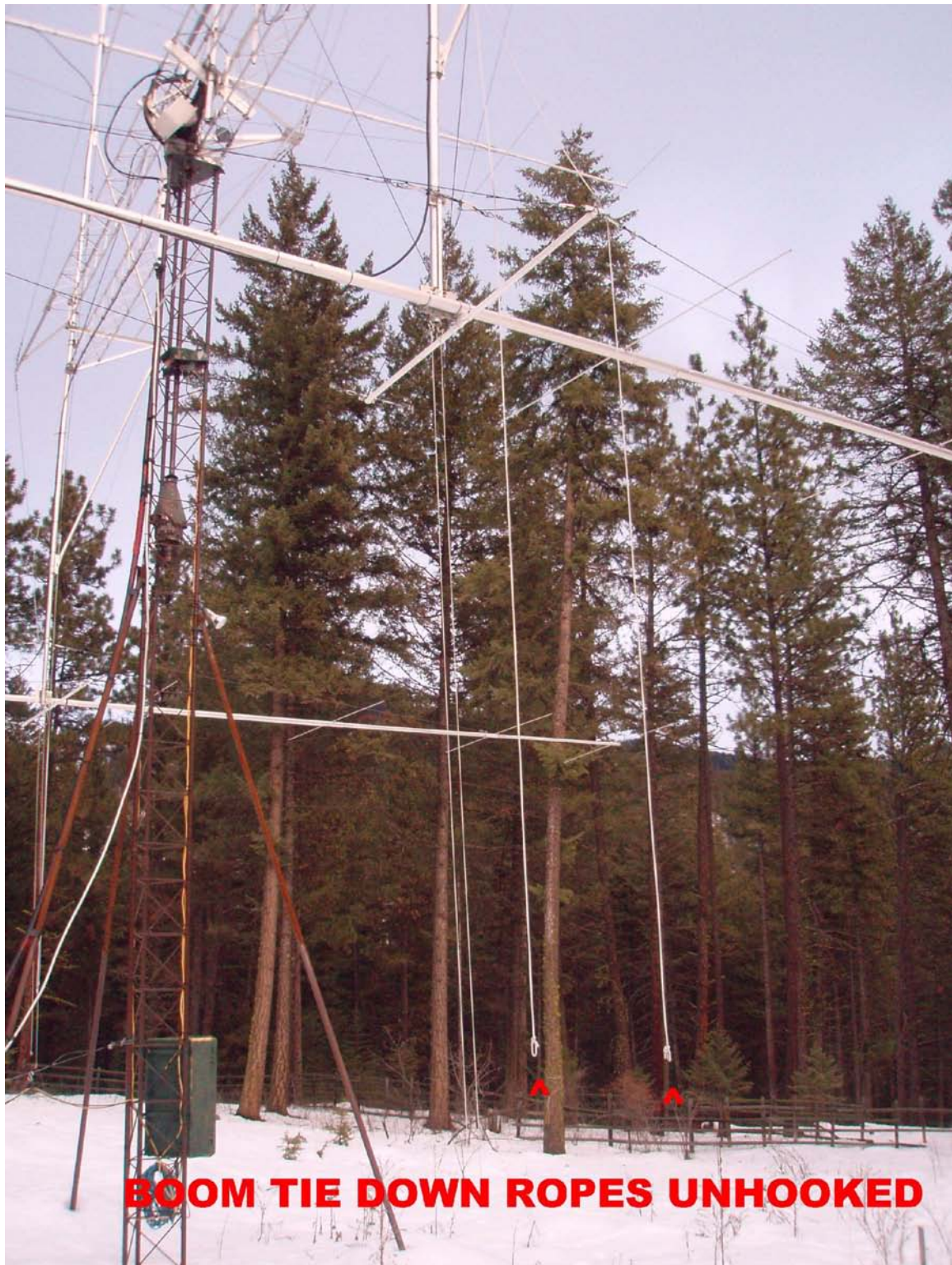
1. **UNTIE ANTENNA.** The mast of the 6m EME antenna is clamped into the prop-pitch motor, but it is not pinned with through-bolts. As a result, strong winds can turn the antenna, but since the azimuth indicator is coupled to the mast instead of the motor, the actual azimuth is always displayed in the shack. In order to safely secure the antenna when it is not in use, the horizontal cross boom is secured with four nylon hold-down lines going off to three different trees and the tower with the single 6M11JKV yagi. Remember, when approaching the antenna, make sure not to step on any coaxial cables or control lines!



____ Start out by releasing the tie-down lines where they are secured to the anchor objects (trees or tower). Drop the rope to the ground so it remains near the tie-down point.



___ Walk over toward the antenna where the tie-down rope is now slack. The tie down rope can now be unhooked from the line with the loop extending down from the cross boom. The tie-down rope with the hook secured to the end can be dropped to the ground.



When unhooked, the tie-down ropes hang freely down, one on the FRONT side of the array and one toward the BACK of the array, with the white fiberglass spreader in the center of the lower yagis separating them.



___ The freely hanging tie-down lines are now flipped so they are both hooked around the FRONT of the fiberglass spreaders on the lower yagis.



___ Repeat on all four tie downs and confirm that all tie downs are properly hanging freely from the boom before exiting the antenna clearing.