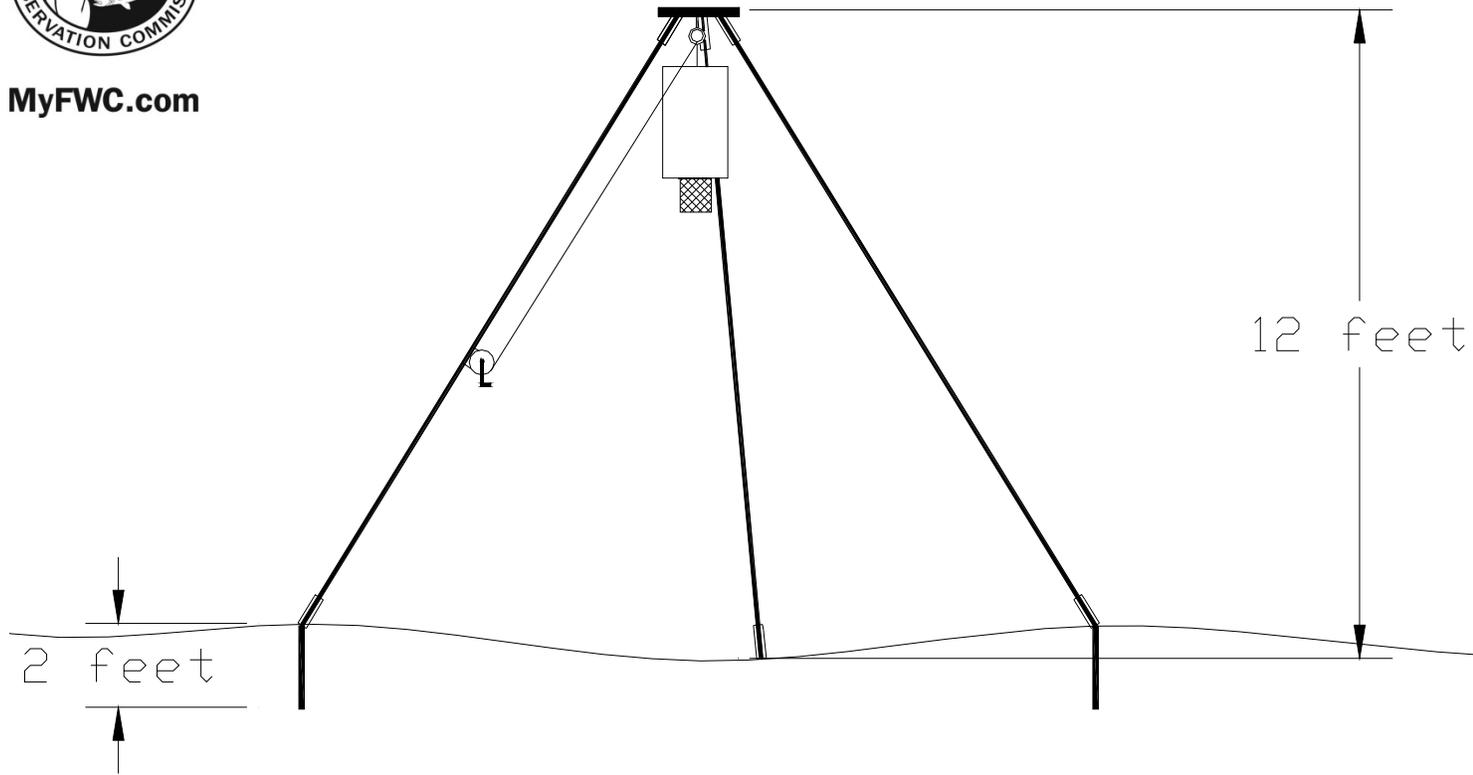




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Tripod Suspension Design

By Jerry Saraceno



Materials:

1.5 foot wide metal platform

6" bicycle hook

3 - 12 ft. or longer metal legs, 1" or 2" heavy gauge steel square tubing

Boat winch or electric winch, if power is available

U-clamps

Wire cable

Feeder barrel with timing device

Kandy-kane® shaped rebar

Concrete or mobile home tie-downs (optional)
1" X ½" galvanized wire or metal cage for feeder timer

Read through instructions carefully *before* beginning assembly.

1. Take the metal platform and weld the bicycle hook to the center of the platform so it is hanging down from the platform perpendicularly. If your platform is lying upside down on the ground, the hook should be sticking straight upwards out of the platform.
2. Next, the tops of the three metal legs will be attached to the metal platform. Attachment is accomplished by welding the top of each leg to the metal platform. Make sure the three metal legs are arranged 120 degrees apart in a triangular fashion. The legs should be equal distances from each other and at approximately 60 degree angles from the platform. If your platform is lying upside down on the ground, the three metal legs should be sticking up in the air in three different directions.

Note: The three metal legs will need to have appropriately sized holes drilled through them at the bottom so the Kandy-kane shaped rebar can be vertically inserted through the legs into the ground to secure the stand.

3. Attach a boat winch using U-clamps to one of the metal legs, approximately halfway up the leg. Then feed the wire cable from the boat winch through the bicycle hook.

Note: Feeder owners in the past have stored a cinder block nearby to place next to their feeder to stand on to operate the boat winch and move away again to prevent bears from accessing the winch.

4. Stand the tripod upright and insert the rebar through the holes in the bottom of the three metal legs. The rebar will need to be at least 2 ft. in length.
5. Hammer the rebar into the ground, so all three metal legs are firmly secured to the ground. Other options for securing the tripod to the ground are using mobile home tie-downs or digging three 2 ft. deep holes, filling them with concrete, and then inserting the rebar into the concrete.
6. Make sure the timing device and the feeder are secured with a steel cage or galvanized wire bolted to the bottom of the feeder barrel. Then using U-clamps secure the feeder to the wire already strung through the bicycle hook and raise into place.