

## **EMF Canopy Frame Instructions** **for a Twin Size Bed**

You can build your own EMF bed canopy for under \$150.00.

These are instructions for constructing a wooden frame for an EMF bed canopy. The bed used is a twin size mattress which sits on a box spring that lies on a canopy floor sheet. The mattress is located on the second floor of a house.

These instructions will describe how to make a twin size canopy with the following dimensions:

**81" = length**

**48" = width**

**72" = height**

These dimensions allow for some extra space around the perimeter of the box spring which makes it more spacious inside the canopy. The 72" height measurement provides significant air space above the mattress without it being too tall. (If you'd like to open up the canopy during the day with the side flaps, it's important the dowel height not be too tall. You have to be able to reach the top of the dowels.)

It would be helpful if two people work together to construct the canopy frame.

### **Materials for the Canopy Frame**

- (8) poplar dowels at 72" in length
- (5) poplar dowels at 48" in length

Total of 13 dowels

**Note: You will be utilizing 3/4 inch poplar wooden dowels.** They can be purchased at Home Depot, Lowe's Home Improvement, or online:

<https://www.homedepot.com/p/Waddell-3-4-in-x-72-in-Hardwood-Round-Dowel-6440U/204397063>

- (2) playhouse dowel connector sets which contain various connector types

You will need to use the following from these sets:

- (8) 3-way connectors (The connectors which meet at a straight right angle.)
- (4) 2-way straight connectors

The playhouse dowel connector sets can be purchased online from <https://www.win-green.com/spare-connector-sets.html>.

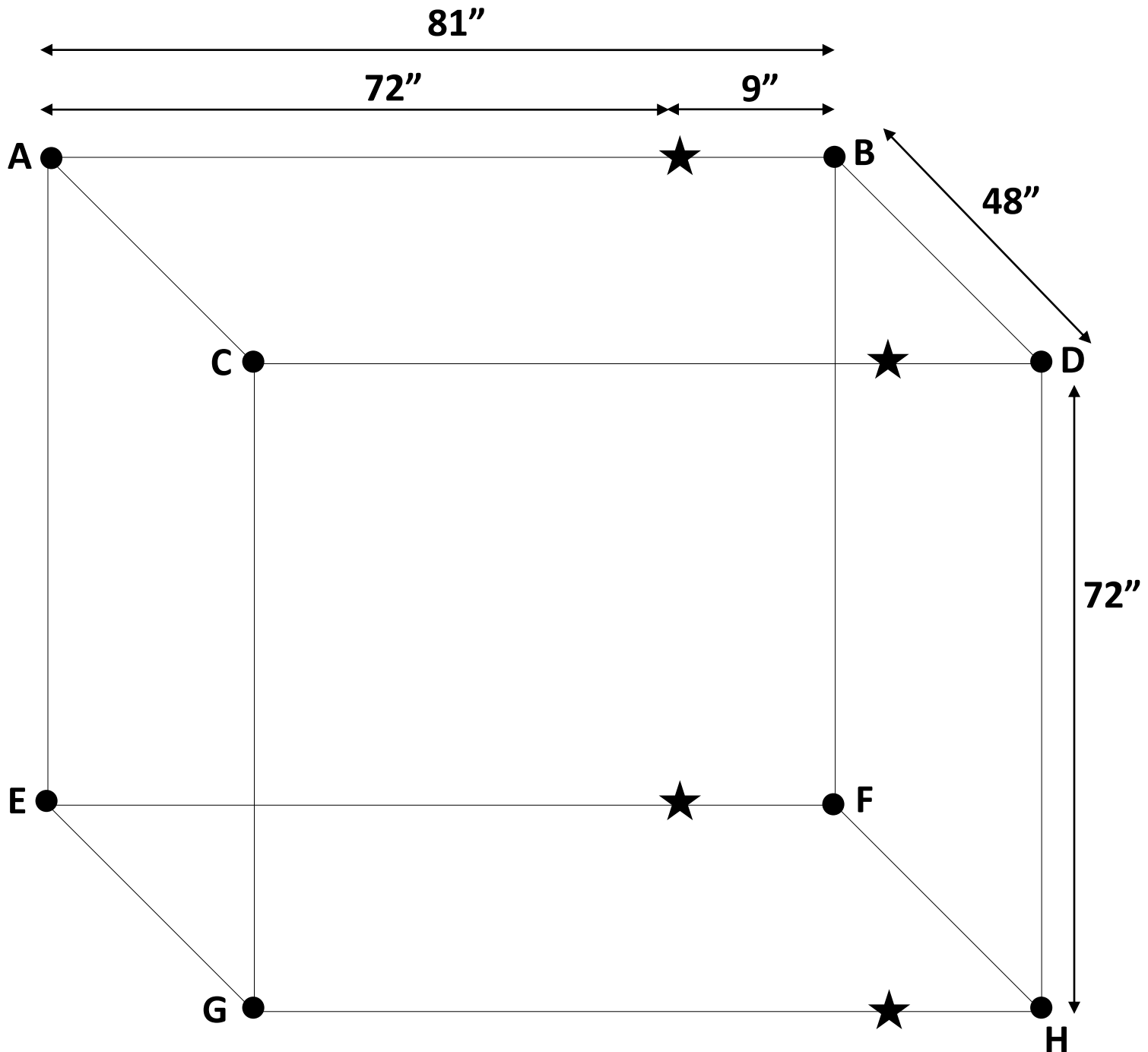
***Please read all instructions before constructing the canopy frame.***

### Instructions for Constructing the Canopy Frame

- 1) Carefully using a saw or getting the dowels cut at a hardware store, follow the measurements found below to create the frame for the canopy.

You will need to use (1) 48" dowel and cut it into (4) 9" sections.

To create the 81" length, use (1) 72" dowel + (1) 9" dowel = 81" total.



Use right angle connectors on points A, B, C, D, E, F, G, and H.

Use 2-way straight connectors on the points with the stars.

- 2) Start with building the canopy frame base first, then the sides, and lastly the top portion.
- 3) Lightly position and place the dowels into the connectors. Make sure you are satisfied with the current dimensions of the frame. If not, make adjustments as needed by lengthening or shortening the dowels.
- 4) Push the dowels as far as you can into the connectors. Be careful not to put too much pressure on the wooden dowels as you do not want to bend or crack them. It is best to have a snug fit to ensure a secure canopy.
- 5) After the entire wooden frame is in place, it is time to put the canopy over the structure.
- 6) With another person, carefully spread out the canopy fabric. Find the finished sewn corners and place them over the corners of the canopy frame. The four flaps that open should hang over the two longer sides of the bed. It can be helpful if one person (with his/her shoes removed) carefully stands on the bed and helps spread out the canopy from the inside while the other person works on the outside area of the canopy.
- 7) Keep making adjustments until the canopy fits well on the newly built frame. Make sure all sides of the canopy fabric touch the bed canopy floor sheet. Also, double check that the canopy flaps overlap properly.
- 8) Remember, in order for the EMF bed canopy to work as effectively as possible, a complete enclosure is necessary. Also, remember to close the canopy flaps securely (on both sides) after climbing into the bed for the night.

***Here's to peaceful nights in your new Sleep Sanctuary!***

Please see the attached photos of the EMF bed canopy frame and materials.



**3/4 inch poplar wooden dowel**



**Playhouse Connector Set  
(need 2 sets)**











