

K4AFN/Portable HVOB (Highly Versatile Orange Box)

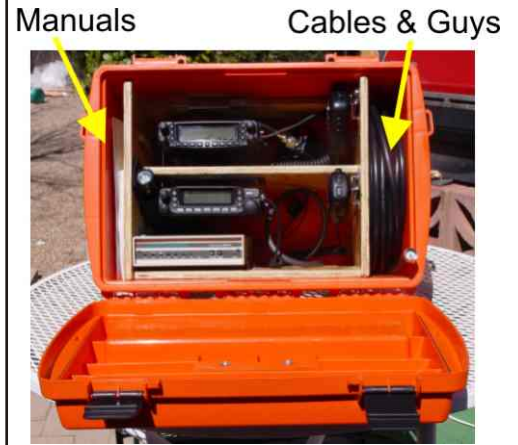
Yet
Another



The Spud7 case is watertite and sturdy enough to sit on. You can operate the station with the the rack inside of the case or slide it out for use on a table or bench. You may choose to have the lid open at the top with room for charts or for shade/shelter or open at the bottom and add a work surface. The case is deep enough to allow room in back for interconnecting cables and wiring. Cases stack for storage or transportation. The case is not modified by the installation. The coax and power wires pass out the front on either side.

This configuration was driven by necessity, I do not have “extra” radios to store away for portable use and have limited space in my shack for my portable setup. For use in my shack, I store the cases and use the racks on my bench at home.

73 K4AFN/Portable



You can pull the entire unit out of the case to make connections or for operating on a table or bench. If you have two operators use a separation cable and spread out. 1

You may operate your station inside the case if desired or for protection from the weather. In hot weather or under heavy use, you may need to run the fan. You should always provide shade from the direct sunlight.

HVOB (Highly Versatile Orange Box)

K4AFN/Portable



Insert sides are tapered for a snug fit inside the box. The angle of the sides also tips the front of the radios up slightly for a nice viewing angle when the operating on a table or bench.

Round holes in back are for a cooling fan - so far not needed. Slots provide access to radio mounting screws. Radios are mounted on standard mobile brackets. When you pull the rack out of the box you have complete access to the cables and accessories in the back.

Adjust the size and location of the shelves to accommodate your equipment.

Always Work Safely

N7INK/Portable



K4AFN/Portable HVOB (Highly Versatile Orange Box)

Field Test
2010 Old Pueblo
50 Mile Endurance Race
Granite Mtn Aid Station

Work Safely
At home and In the field



“Loading the Jeep”

Do not operate when there is lightning in vicinity



VHF/UHF Station
Operating in box
Starting to rain

More ideas!
<http://home.comcast.net/~buck0/combox.htm>
<http://www.kr7rk.com/gobox.htm>



When operating more than one radio on the same band space antennas apart sufficiently to avoid desensing your receivers.

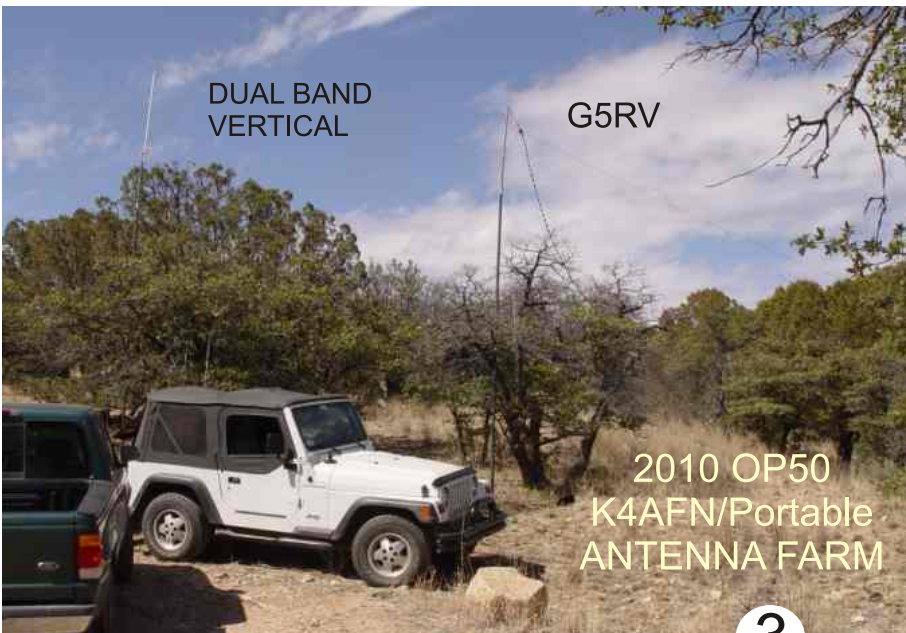


VHF/UHF Station
Operating “out of box”
(Powered by 75 ah deep cycle battery)



HF Station
Set up in Jeep
(Powered by vehicle battery)

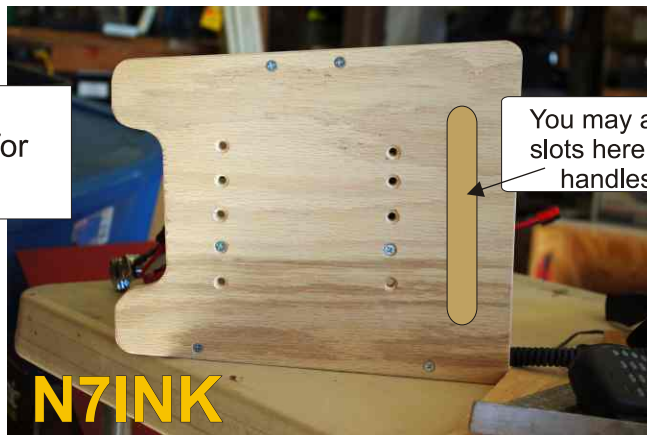
Caution
Always check for overhead Powerlines when installing antennas



A few other ideas!



This figure illustrates arrangement of holes for adjustable shelves

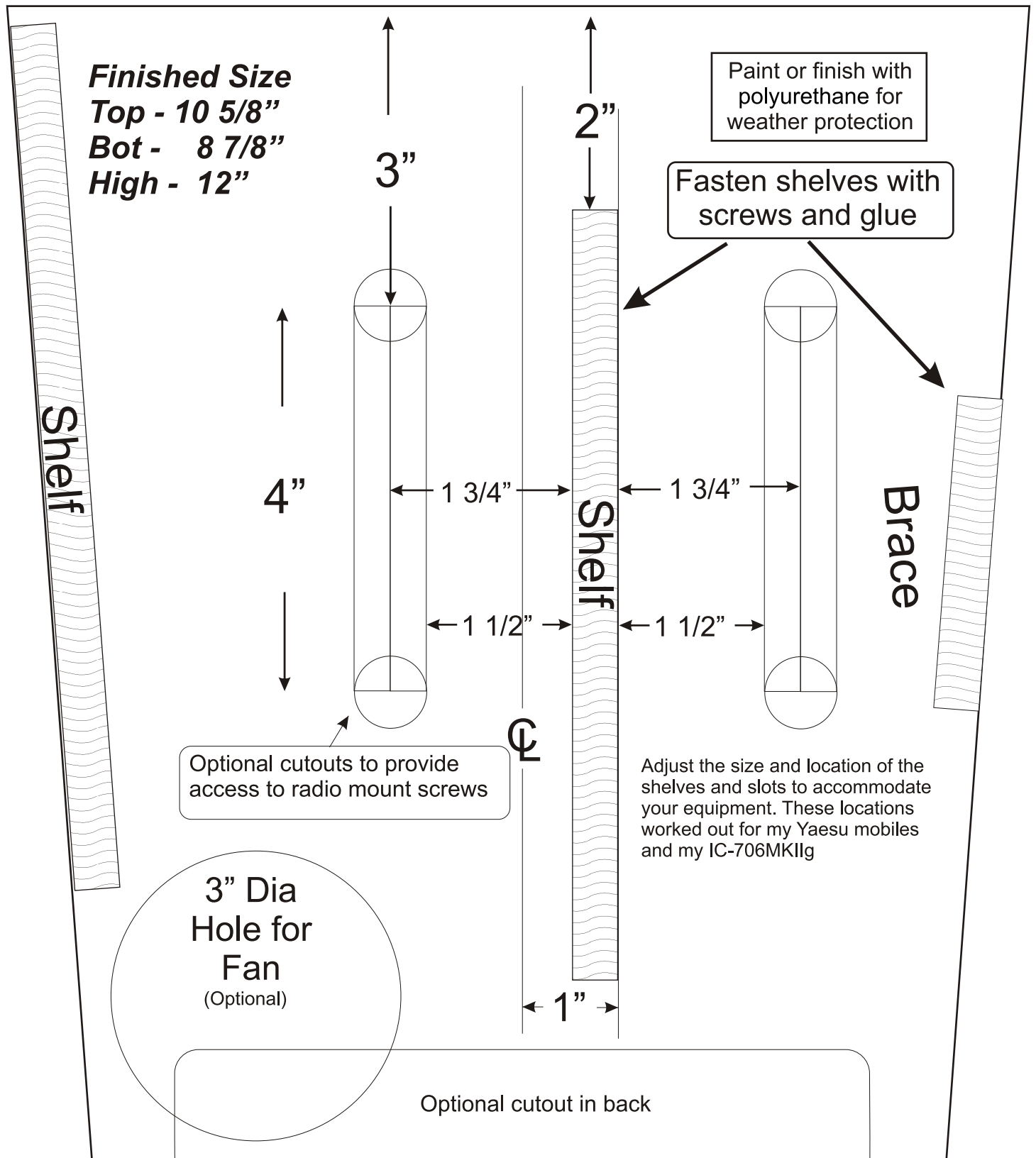


Work Safely

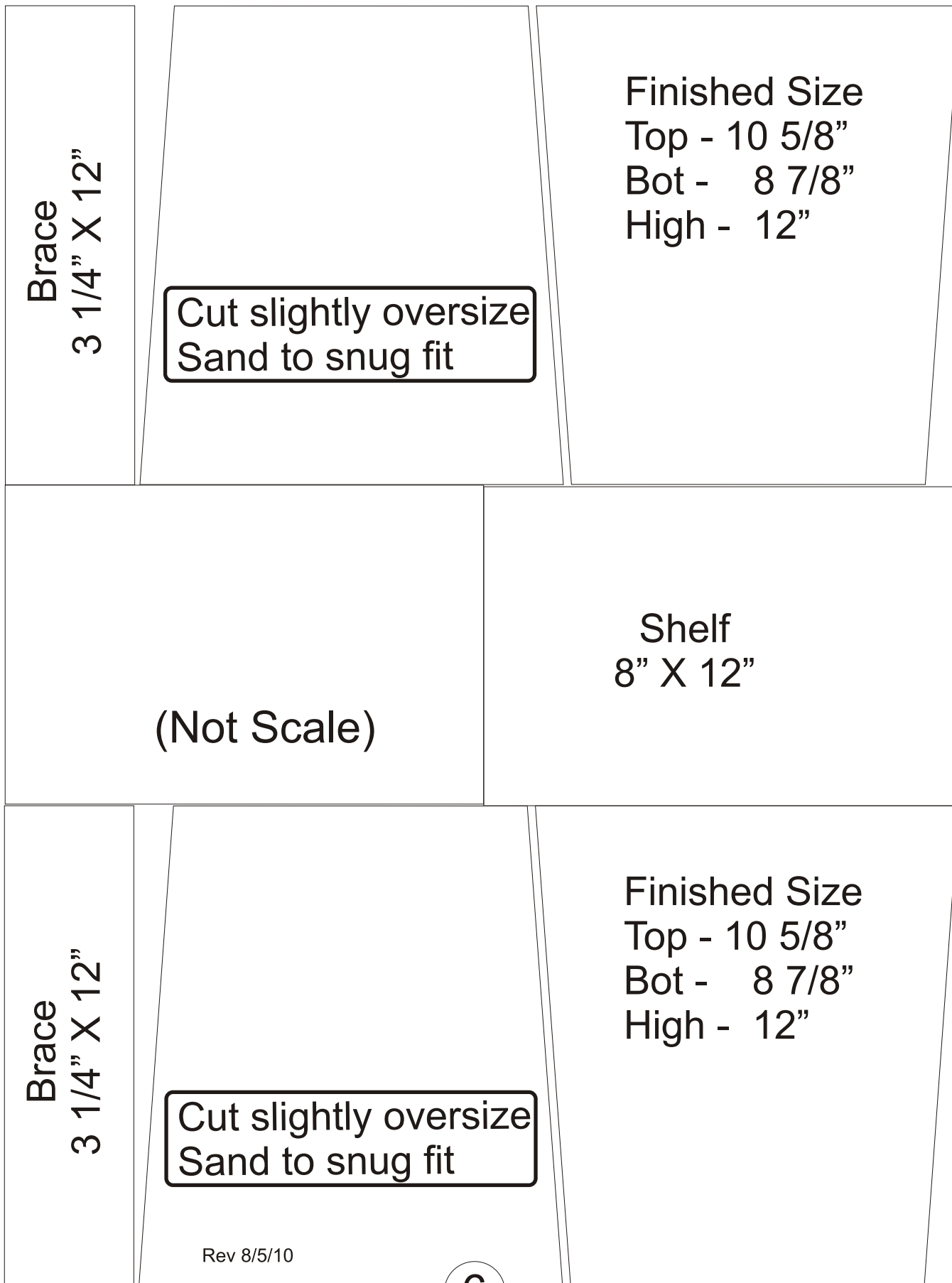
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Insert side details

Work Safely

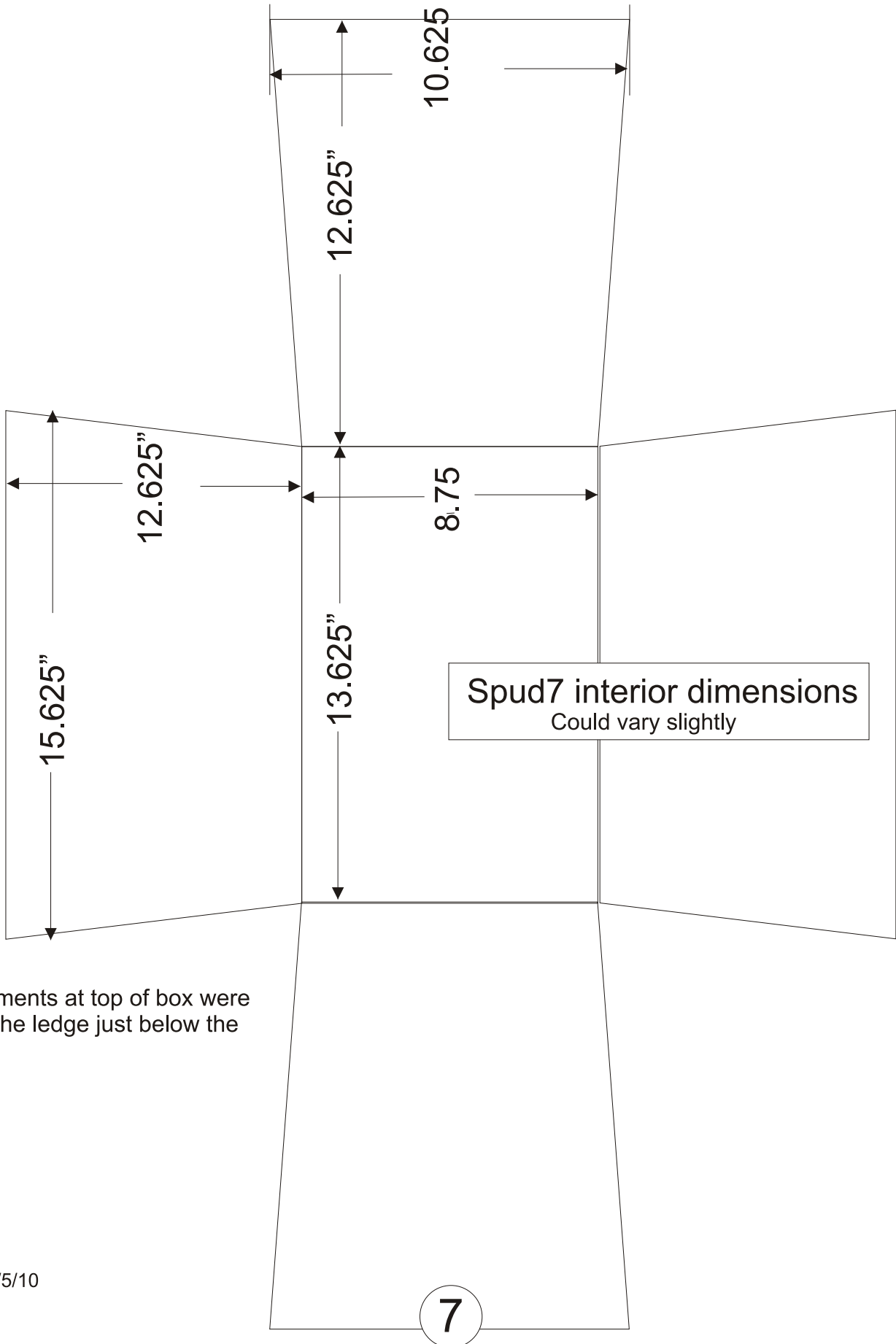


Cutting Plan - 2 inserts from 2X4 (1/4 sheet) 3/8" or 1/2" plywood



Rev 8/5/10

K4AFN



Measurements at top of box were taken at the ledge just below the top edge.