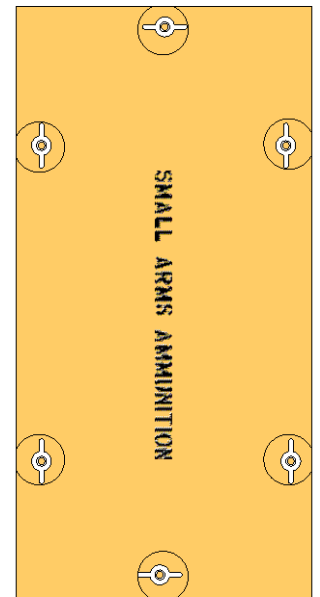
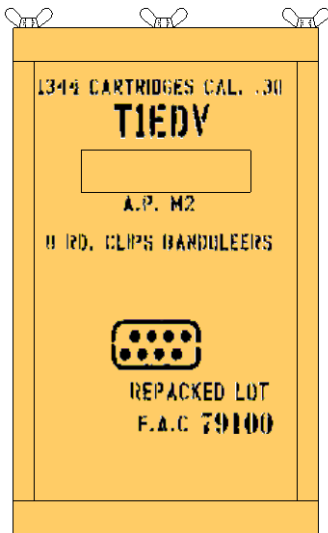
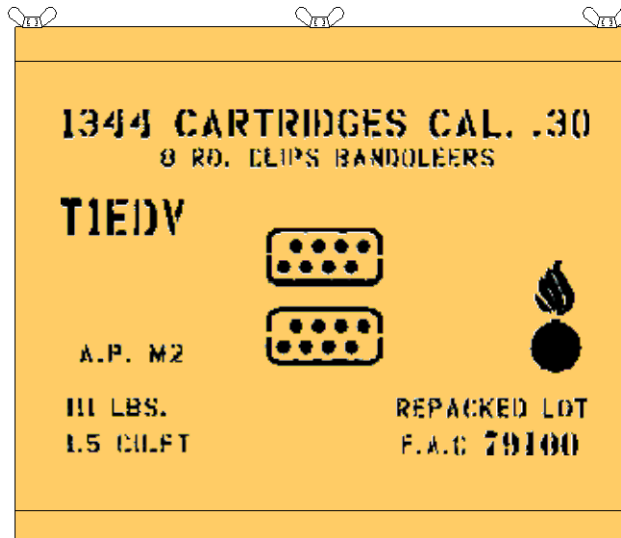


.30 Cal Ammo Crate



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Parts List

2 – 1x6x18 1/2” (for Front and Back)

2 – 1x8x18 1/2” (for Front and Back)

1 – 1x10x18 1/2” ripped down to 9 1/2” wide (Bottom)

1 – 5/4x10x18 1/2” ripped down to 9 1/2” wide (Top)

2 – 5/4x8x13” ripped down to 8 1/2” wide (Sides)

6 wing nuts

6 bolts to fit the wing nuts

Nails

Glue

Forstner bit

Asstd drill bits

Wood Shopping List

1 – 1x8x4 ft long

1 – 1x6x4 ft long

1 – 1x10x2 ft long

1 – 5/4x10x2 ft long

1 – 5/4x8x2 ft long

Note: I know 5/4 lumber over 6" may be hard to get at your local Home improvement store. Around me you can only get it at specialty lumber stores. If you wish to use regular 1X lumber instead of 5/4 lumber, then feel free to do so. But you will have to adjust some of the measurements in this document. This document will show plans based on using 5/4 lumber which is how they were made.

I made these plans based on a .30 cal ammo box lent to me so that I can measure it. This document uses the exact dimensions of that box. But the beauty of it is you can adjust the sizes to fit any equipment you want to store in it. The original crate dimensions require you to rip some of your lumber down to odd sizes. But if you want you can just stick with the stock sizes of your lumber and adjust the measurements to fit it. For the sake of this document I will stick to the original dimensions. Use the supplied pictures as reference.

1. Pre- Cut all of your pieces (make sure you mark your pieces after you cut them so you don't get mixed up).

- Top Lid:.

Take the 5/4x10x2ft and cut it down to 18 1/2". Then set your table saw up to 9 1/2" wide and rip the board down.

- Bottom:

Take the 1x10x2ft and cut it down to 18 1/2". Then set your table saw up to 9 1/2" wide and rip the board down.

- Sides:

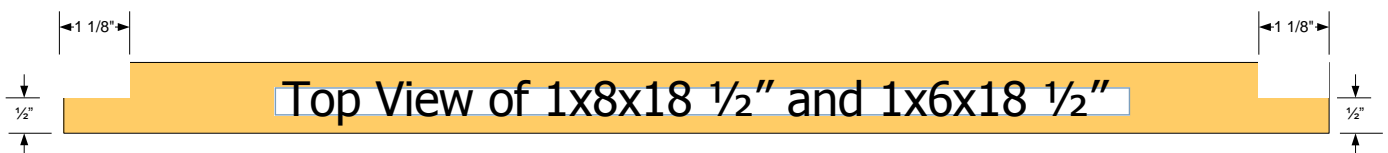
- Take the 5/4x8x2ft and cut 2 13" pieces off of it. Then set your table saw to 8 1/2" wide and rip them down.

- Front and Back

Take the 1x8x4ft and cut 2 18 1/2" pieces off of it. Take the 1x6x4ft and cut 2 18 1/2" pieces off of it.

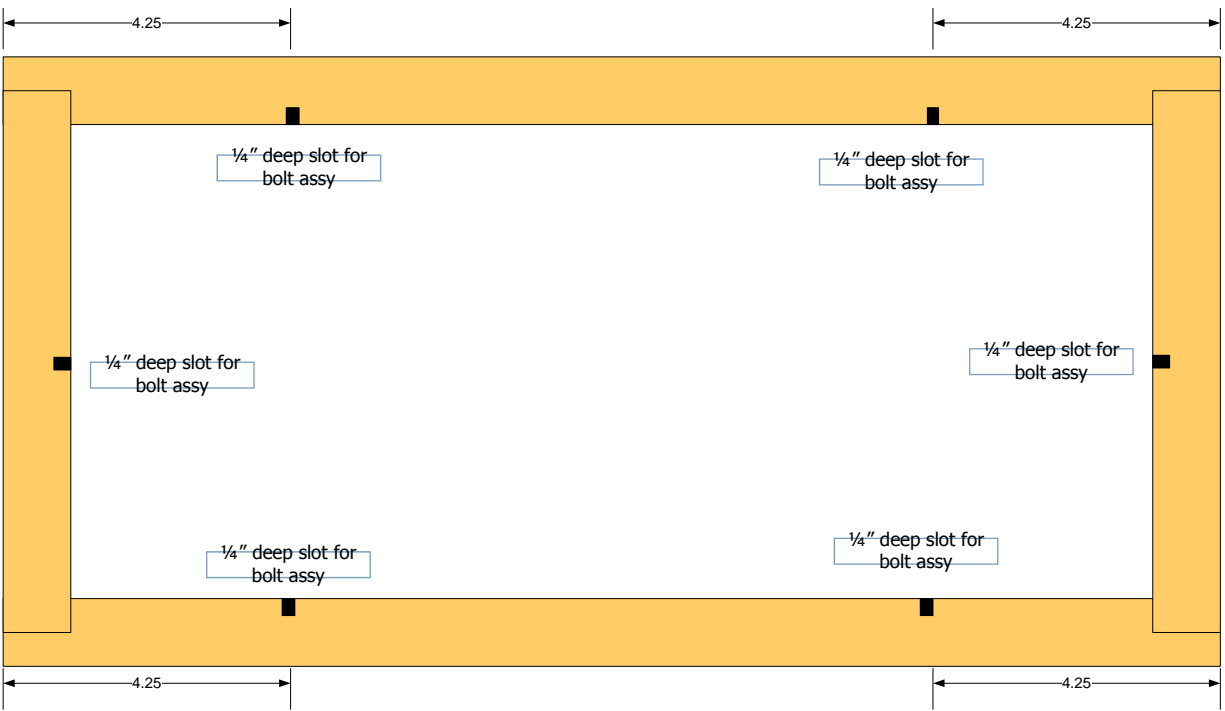
2. Cut dados into the front and back pieces.

Set your table saw up to cut dados into the front and back pieces. The 5/4 end pieces fit into these cuts. Set the saw height so that there is 1/2" of wood left. Remove 1 1/8" of the board. Use the diagram below as an example.



3. Cut slots into the front and side boards to receive the screws so that you can screw down the lid.

Using the diagram below cut slots (however you want to do it) into the TOP 1x6 boards to accept the screws you will use to screw down the lid. Do not assemble the box at this time. Diagram is for reference purposes only

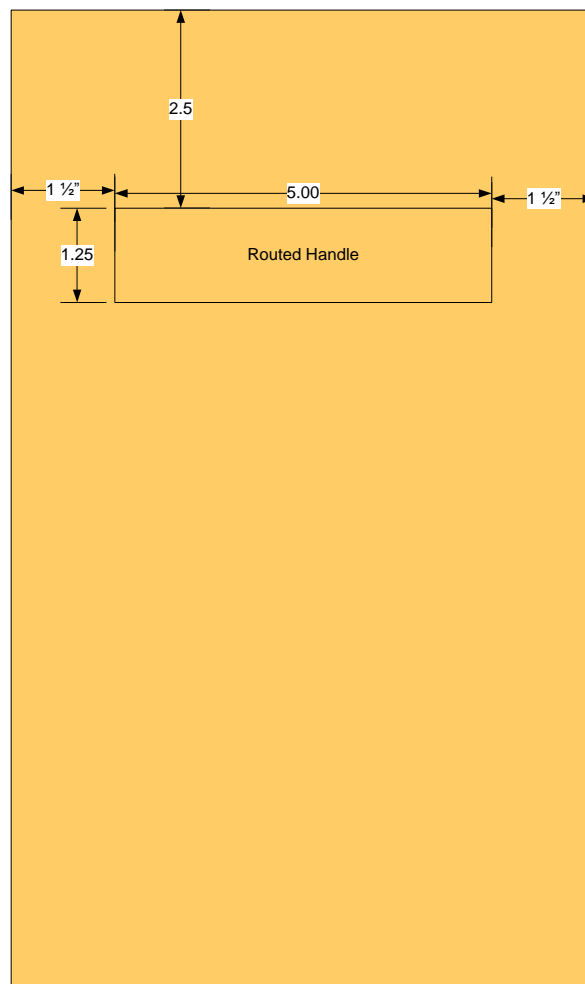


4. Cut handle slots into the end pieces

You will need so skill and patience in doing this part and BE CAREFUL!! Using your table saw you will have to cut a slot centered in the end pieces for the hand holds. I will give you an idea on how to do this although you may have an easier way. First, set up jigs on your table saw so that your piece is centered on the blade as per the measurements below. You will have to move the piece around on the saw to chip away the wood to make the handle. I will not go into details on exactly how to set up the jig. If you are a competent wood

worker you will know how to do it. If you are not then I suggest you have someone who is help you with this part. When the jigs are ready then lower the blade to below the table. Put the piece of wood on the table and turn the saw on. Then SLOWLY raise the blade up to 5/8" deep while holding the board down against the table. Then move the board around within the jig to route out the handle. When finished, turn the saw off and wait until it completely stops before removing the board.

I CANNOT STRESS ENOUGH THAT YOU MUST BE CAREFUL WHEN YOU ARE DOING THIS. TOO MANY PEOPLE HAVE LOST FINGERS OR WORSE DUE TO LACK OF PAYING ATTENTION OR USING SAFETY PRECAUTIONS!!!!!!



5. Assemble the box

Assemble the box using glue and nails using the diagram below. Then glue and nail the bottom 1x10x18 1/2" piece on to the bottom

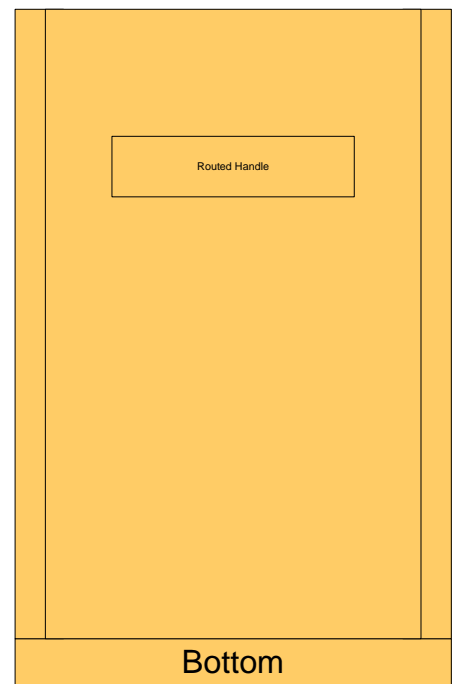
Top View



Front/Back View

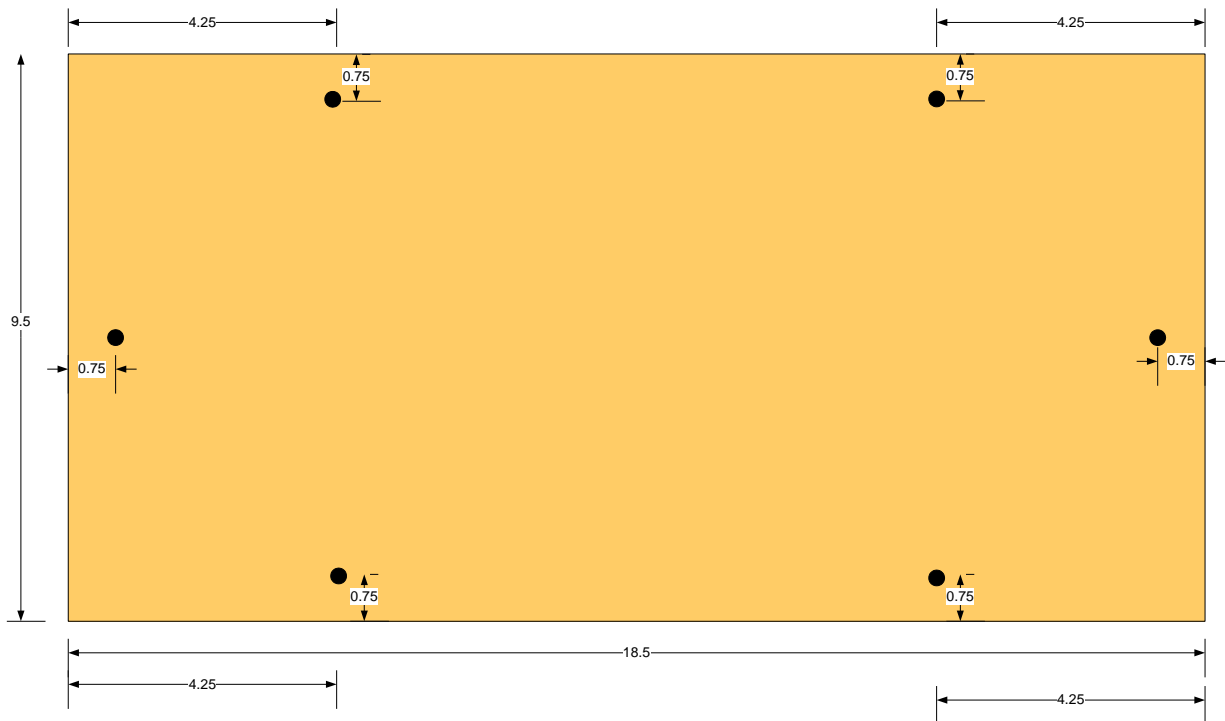


Side View



6. Drill the top for the wing nuts and bolts

Using the diagram below drill holes large enough to fit the screws you will use to secure the lid. Then use the forstner bit to counter sink about $\frac{1}{2}$ way through the board. I do not give sizes for the bolt, wingnut, drill bit and forstner bit because you should choose the sizes based on the hardware that is available to you in your area. Use your judgement.



7. Finish the box

Secure the bolts into the inside of the box and put the lid on and screw it down. You are now ready to paint and stencil as you see fit.

I hope these plans help make building the boxes simple and fun. Please drop me a line at goprendek@9thinfantry.com with some pics to let me know how yours came out.

Also visit our website at www.9thinfantry.com

