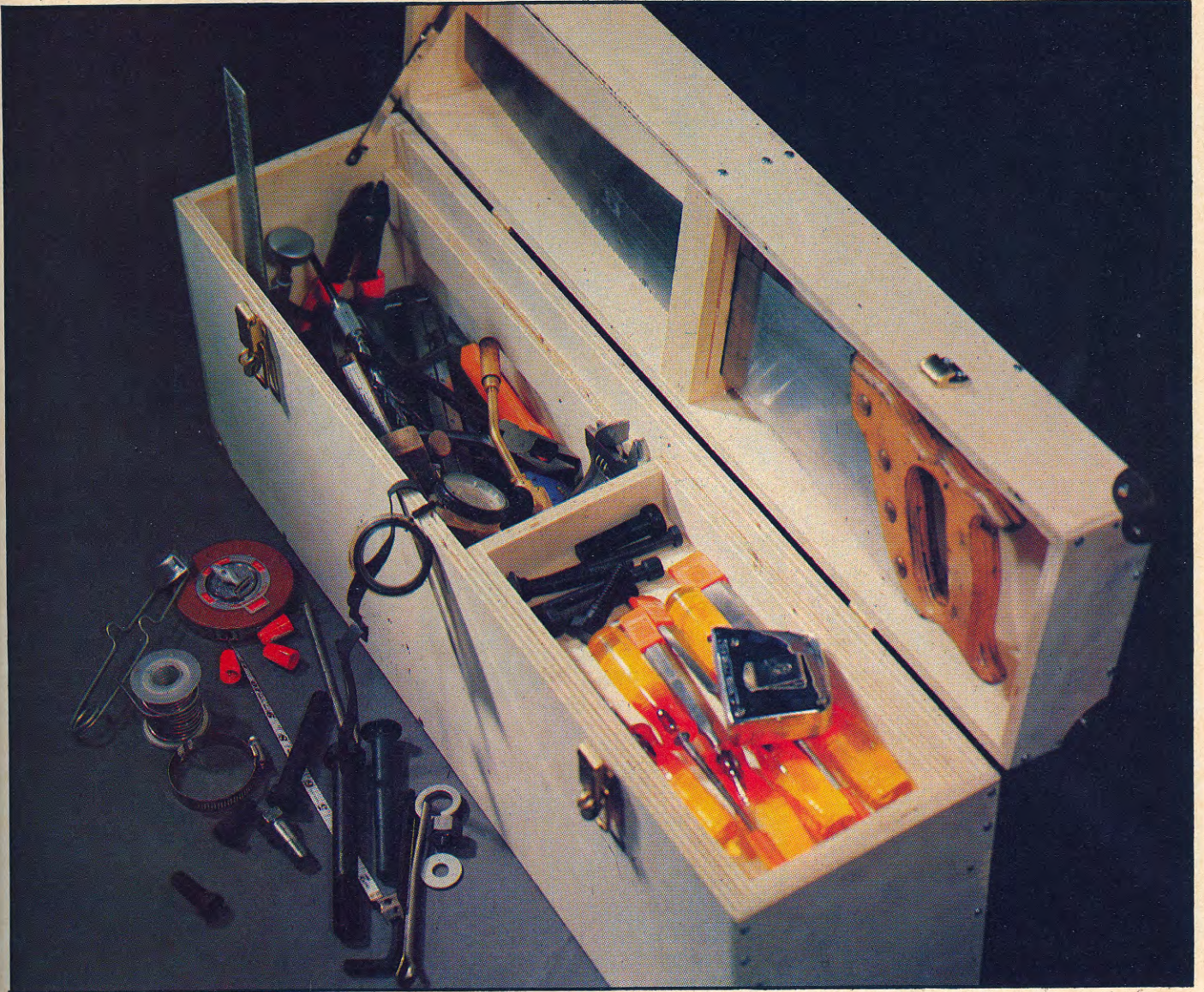


# Chest

design: charles loring



1 piece plywood  $\frac{1}{2}$ " x 7" x 31" (top)  
1 piece plywood  $\frac{1}{2}$ " x 4" x 20" (reinforcement)  
1 piece pine  $1\frac{1}{2}$ " x  $2\frac{1}{2}$ " x 7" (bracket for handsaw - detail 2)

## B) Storage compartment

2 pieces plywood  $\frac{1}{2}$ " x 11" x 8" (sides)  
2 pieces plywood  $\frac{1}{2}$ " x 11" x 31  $\frac{1}{2}$ " (front)  
1 piece plywood  $\frac{1}{2}$ " x 2" x 31" (divider)  
2 pieces plywood  $\frac{1}{2}$ " x 2" x 31" (drawer brackets detail 3)

## C) Drawer (detail 4)

2 pieces plywood  $\frac{1}{2}$ " x  $2\frac{1}{4}$ " x  $5\frac{3}{4}$ " (sides)

2 pieces plywood  $\frac{1}{2}$ " x  $2\frac{1}{4}$ " x 14" (front)  
1 piece plywood  $\frac{1}{2}$ " x  $5\frac{3}{4}$ " x 13" (bottom)

## Construction

Cut all pieces following cutting list. For assembling, use white glue and 2 #6 screws, 1".

First assemble the 7 piece cover. Make sure the 7" x 31" piece for top is cut square at all 4 corners. Fasten lift handle.

Assemble 8 piece base.

Once this is completed, install the  $\frac{1}{2}$ " x  $1\frac{1}{4}$ " x 31" divider on bottom for storing level. Put the two drawer brackets in place and level.

Now, check if cover and base match. If so, fasten T hinges 6 inches from each end. Install cover support at opposite side of drawer. Verify if cover opens and closes easily.

Install the two suitcase hasps about 6 inches from each end using #6 screws,  $\frac{1}{2}$ ".

Assemble 5 piece drawer. Use 1" common nails and glue.

Fasten corner metal protectors to guard against chipping.

Sand chest. Finish by applying paint or varnish.