

3/4" thick Parts A (2 pieces--top Parts B (4 pieces) Parts C (7 pieces--(Rocker Box, Ground Board) 12-1/2"x 13-3/4" plywood—cut and bottom of Tube (sides-tube box; to these Box) 8-1/2"x 8-1/2" Cradle Boards) 8-1/2"x 10" sizes: Parts D (3 Part E Parts F (4 pieces) 1"x Parts G (2 pieces--5" diameter pieces--Feet) (1piece--tailgate) 6"x 4" (Mirror Blocks--not circles; Altitude Bearings) Not 1-1/2"x 1-1/2" 6" shown) shown below--cut from "extra."

## PLYWOOD CUT PATTERN FOR A TELESCOPE WITH A 6" MIRROR:

|    |                        | 8-1 <i>1</i> 2" | 10"   | 12-1/2"          | 12-1/2"                           | 12-1 <i>[</i> 2"                  |
|----|------------------------|-----------------|---|------------------|-----------------------------------|-----------------------------------|
| 4' | Part A; 8-1/2 X 8-1/2> |                 | Part B<br>8-1/2"<br>X 10"                                       | Part C<br>12-1/2 | Part C<br>12-1/2"<br>X            | Part C<br>12-1/2"<br>X            |
|    | Part A; 8-1/2 X 8-1/2> |                 | Part B<br>8-1/2" :  | X<br>13-3/4"     | 13-3/4"                           | 13-3/4"                           |
|    | Part E 6" X 6">        |                 | X 10"<br>Part B<br>8-1/2"<br>X 10"<br>Part B<br>8-1/2"<br>X 10" | EXTRA            | Part C<br>12-1/2"<br>X<br>13-3/4' | Part C<br>12-1/2"<br>X<br>13-3/4" |
|    | EXTRA                  | EXTRA           |   | EXTRA            | Part C<br>12-1/2"<br>X<br>13-3/4" | Part C<br>12-1/2"<br>X<br>13-3/4" |
|    |                        |                 | EXTRA   | EXTRA            | EXTRA                             | EXTRA                             |
|    |                        |                 |   |                  |                                   |                                   |

8.

Make sure you tell the salesperson cutting the wood for you that these sizes are for the finished (cut) pieces of wood. Allowance will have to be made before cutting for the width of the saw blade!!! (You lose about 1/8" of an inch for each cut, usually.) The wood sizes given should be the actual sizes of the cut pieces of wood.

A 6" telescope is going to be short. Instead of the 'normal' Ground Board above, you might think about using a three-legged stool instead to elevate your scope and add 'cuteness.' Refer to the above drawing and plywood "cut pattern" throughout the following step-by-step instructions. <u>Label all pieces (in pencil, chalk, or crayon) as they are cut!</u>