

## Airport Terminal Building #2 (AD-TB02-0A)

Thank you for purchasing the Airport Terminal Building #2. I know you will be pleased with the final product. Before you get started, here is a list of what you'll need:

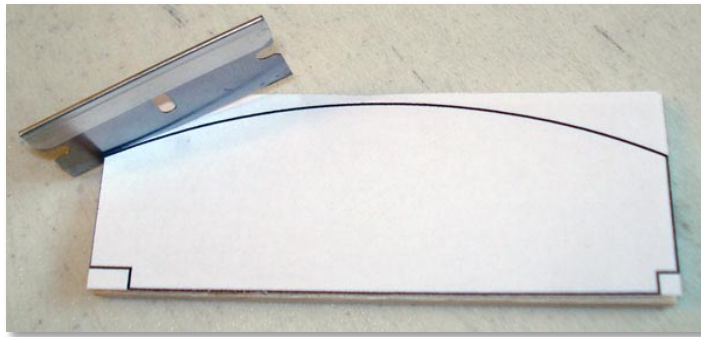
- Paper. For best results I recommend using a Premium Glossy Photo Paper for the building exterior pages; the thicker the paper, the better
- Three pieces of Balsa Wood for the terminal buildings, 1/8 in by 4 in by 36 in (0.32 cm by 10.2 cm by 91.4 cm)
- One piece of Balsa Wood for the Gate building legs, 1/4 in by 1/2 in by 24 in (0.64 cm by 1.67 cm by 60.96 cm)
- X-Acto knife
- Single Edge Razor Blade
- Cutting board
- Metal ruler
- Stick glue
- Cement glue for wood models (recommended, find it at a local hobby store)
- Black paint
- Foam brush
- Pen
- Very fine sandpaper
- Latest version of Adobe Reader (you can download it here: <http://www.adobe.com/products/acrobat/readstep2.html>)



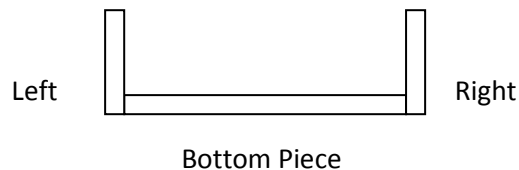
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1. Open the file AD-TB02-0A.pdf. The pages are organized as follows:
  - Pages 1,2 – Main Terminal templates, for Balsa Wood.
  - Page 3 – Gate Terminal templates, for Balsa Wood. You must make four sets of these.
  - Page 4 – Main Terminal fronts, print on Premium Glossy Photo paper.
  - Page 5 – Gate Terminal fronts, print on Premium Glossy Photo paper, print two of them.
2. Using templates 1, 2 and 3 cut the pieces of Balsa Wood for the Main and Gate Terminal buildings.

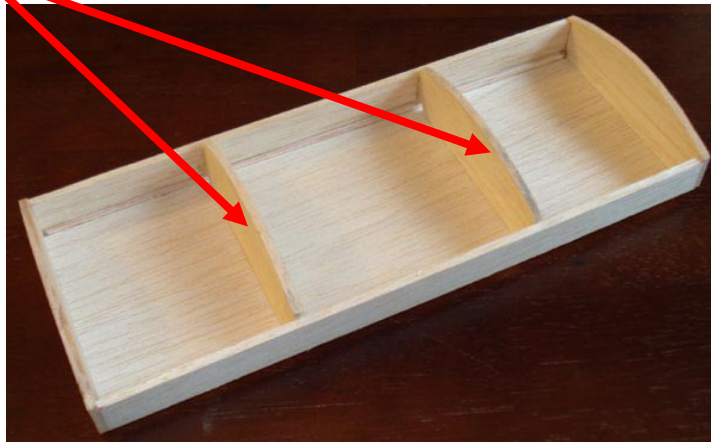
**TIP:** The end and support pieces for all the buildings have a round tops. To cut them, start by cutting the square sides first. Then, put the template on top and with the single edge razor blade make several straight cuts following the curve. Finally, use the sandpaper to smooth the curve.



3. **Main Terminal.** Assemble the main terminal starting with the bottom piece, then glue the end pieces to either side of the bottom piece.

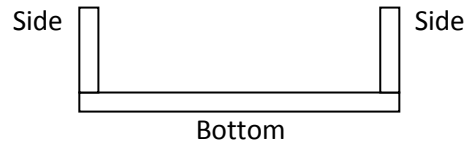


4. Glue the Front and back pieces inside the side pieces, an on top of the bottom piece.
5. Glue the center supports by inserting them into the middle of the box.



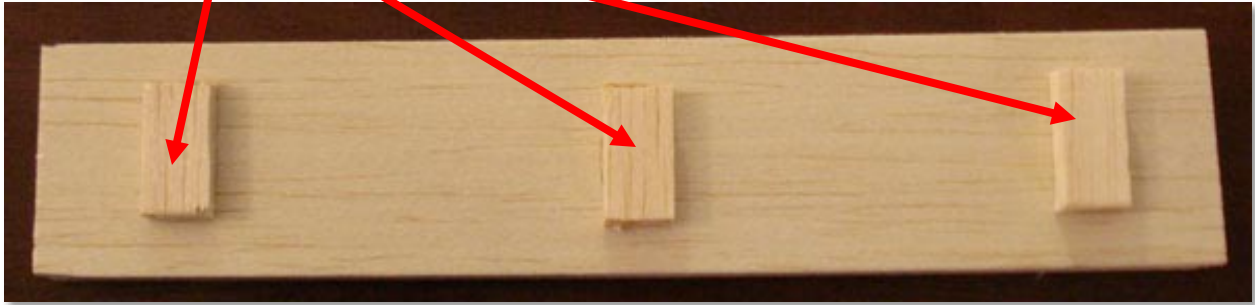
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6. **Gate Terminal Buildings.** Assemble the gate terminals starting with the bottom piece, then glue the side pieces to either side, on top of the bottom piece. Then, insert the end and support pieces.

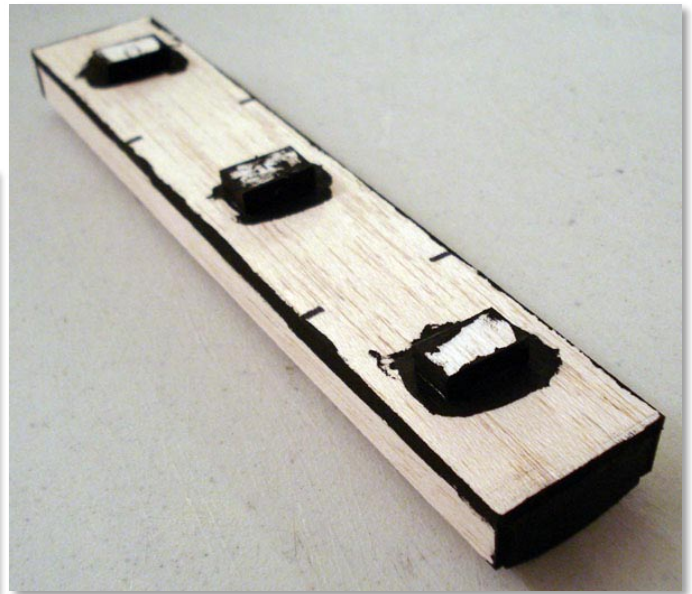
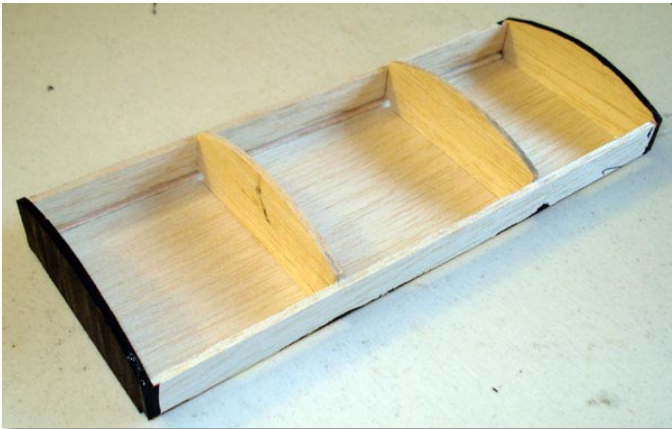


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7. Glue the three "legs" to the bottom of the Gate Terminal boxes.



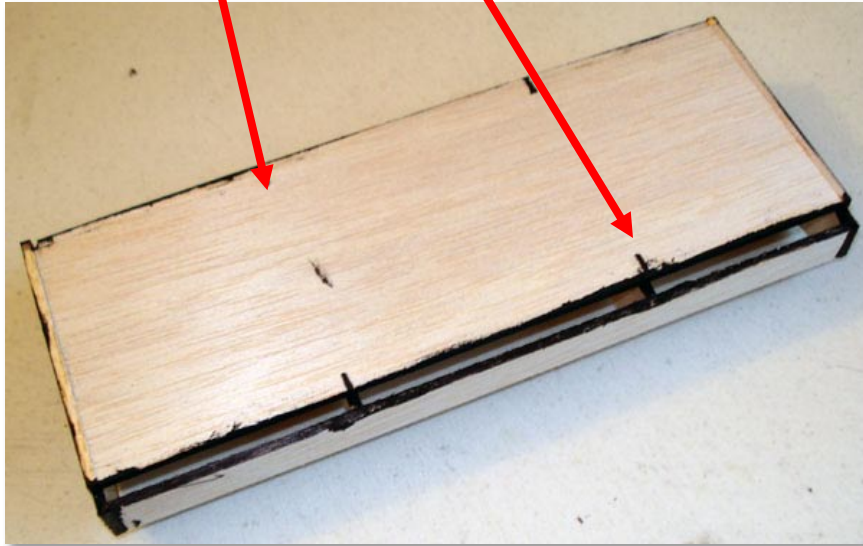
8. Before applying paint to the boxes, you may want to lightly sand the parts to be painted to give them a smooth finish. Paint the sides of the Main Terminal, the Gate terminals, and the legs with black paint.



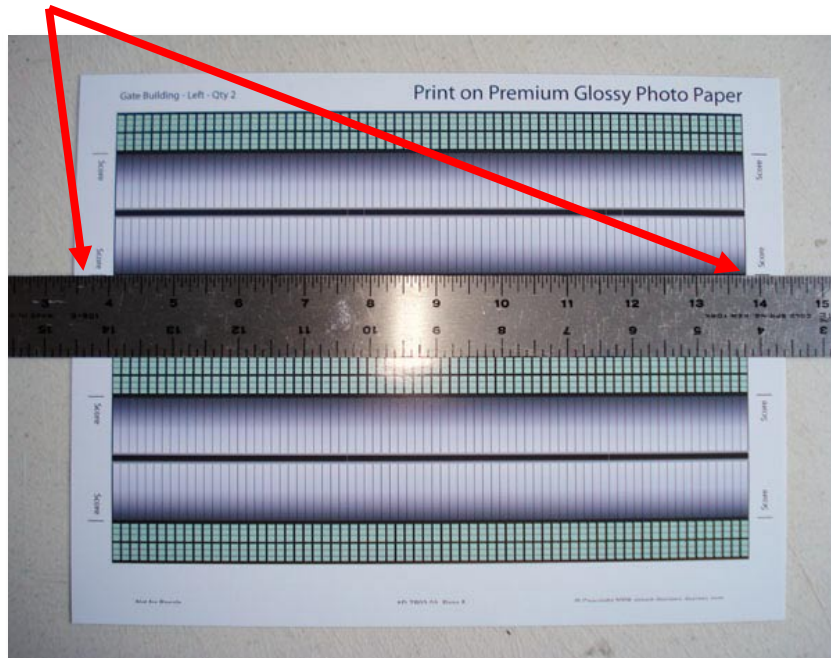


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9. Before gluing the building faces, turn the terminal buildings around and mark on the bottom where the internal supports are. Then, cut strips of paper about 8 inches (20 cm) long and ½ inch (1.3 cm) wide.



10. Before cutting the building faces from the paper, align the ruler to the marks "Score", and **LIGHTLY** score the paper, making sure you do not cut through. This is to make it easy to make the bend on the paper. If you cut through, you may have to put some tape on the back to increase the strength of the paper.

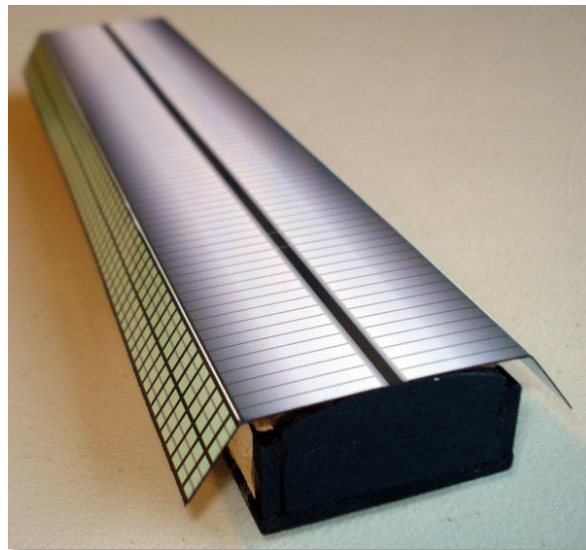


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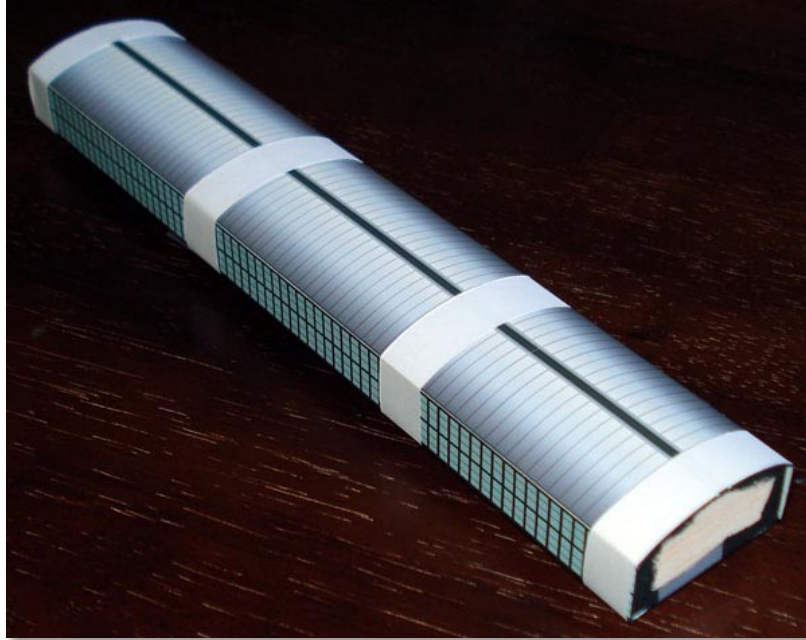
11. Cut the building front pieces using templates 4 and 5. Before gluing the outside pieces, take the magic marker and paint black the edge of the paper. This will make the edge of the paper look like part of the window frame.



12. To assemble the buildings (Main and Gates), apply glue on the sides of the buildings and the top of the round supports. Make the bends using the score marks on the building faces. Put the building face on top of the frame and CAREFULLY "mold" it to the building by pushing down on either side. Use the strips of paper and some tape to hold the paper until the glue dries. Position the strips of paper at either end of the terminals, and on top of the internal supports using the markings you made on step 9. Repeat this process for all buildings. Glue the two end piece faces to the outer most two Gate terminals.



## Airport Terminal Building #2 (AD-TB02-0A)



1. After the glue dries, remove the strips of paper. Congratulations, your Airport terminal is Finished!! Here is a picture of the finish model



I hope you enjoy your new Airport Terminal. If you have any questions or comments, please contact us at [info@airport-diorama-designs.com](mailto:info@airport-diorama-designs.com).