



# ASSEMBLY INSTRUCTIONS

Photo Real Scale Building Kit by



**BK 2100**  
**Aircraft**  
**Hangar**

**1/72 - 1/200**  
**Scale**

- A new alternative to plastic form scale building models!
- Photo Real Scale Building kits may be the most realistic kits available!
- Great for use on model dioramas, slot car, and train track layouts!
- Designed using photos of real building elements for the most realistic appearance



\* Airplane not included in kit

### Footprint Dimensions

Model Base  
9.25" x 13.50"

Hangar Building  
7.50" x 6.00"

*Kit comes with multiple scale options to allow use with many different scale props!*

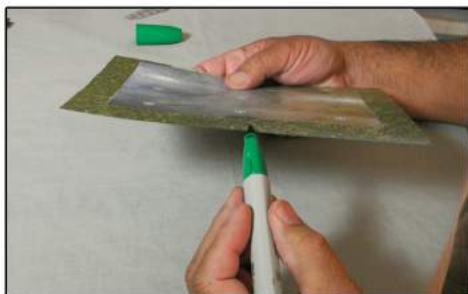
Free replacement parts are available call: 866-712-4059



**STEP 1 - Collect the correct tools.** For best results, we suggest you gather at least the most basic tools you will need to complete assembly. While you may find more tools that will help you achieve outstanding results, we suggest you start with the following: Hot glue gun, scissors, variety of water based colored markers, tweezers, straight edge rulers, hobby knife, instant setting high strength hobby glue.



**STEP 2 - Empty contents of the kit, and carefully cut out all the individual parts to be assembled. Please note that the most precise cuts you can make will result in a dramatically better looking finished project.**



**STEP 3 - With appropriate color markers, detail the edges of all the parts you cut out. This will result in a finely finished project once assembled.**

**STEP 4 - Scoring.** Using a sharp hobby knife (or scoring tool) and a straight-edge ruler, make a light shallow cut into the surface of the part you wish to bend. Do not cut all the way through. This is called scoring. Scoring along lines to be bent makes bending all printed parts easier. Bend parts using the length of your straight-edge ruler. Scoring is an essential skill.





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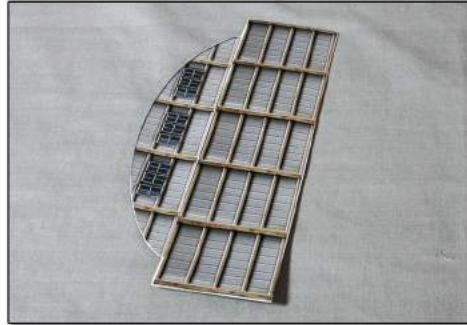


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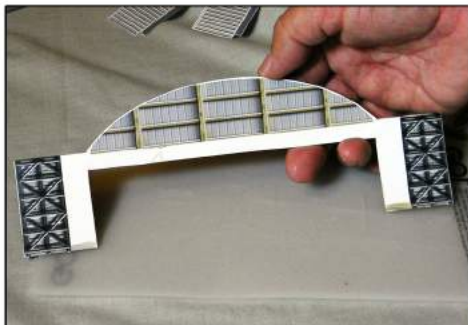
**STEP 5** - Find the back wall of the hangar building, and using common white hobby glue, affix the lower half of the inside back wall to the reverse side of that piece as shown. This will result in a double sided, full color back wall for your hangar building.



**STEP 6** - Attach the upper portion of the inside hangar building rear wall, above the lower part of the inside wall depicted in the previous step, using the same white glue. The finished part should look like this - shown in picture above.



**Step 7** - Attach the wall end graphics to the backside of the hangar building front wall as shown above. Recommend using common white hobby glue.



**STEP 8** - Next, attach the top portion of the backside of the front wall of the hangar building as shown. This is what the finished piece should look like.



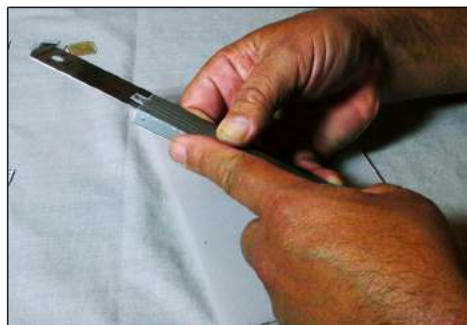
**STEP 9** - Using hobby glue, attach the inside walls of the hangar building side walls to the reverse side of the hangar building side walls. Once complete, the side walls will be ready to mount to the building base.



**STEP 10** - Front Wall /Door Guide Tracks - begin work on constructing the "Door Guide Tracks" by scoring the lines that will be bent. This makes bending the guide tracks easier, resulting in clean, finished edges once complete.



**Step 11** - With hobby knife, cut 2 slots that front hangar doors will slide back and forth through. Take your time.



**Step 12** - Make bends on all scored lines using your straight-edge



**Step 13** - Use hot glue gun to join opposite edges of door slide tracks together



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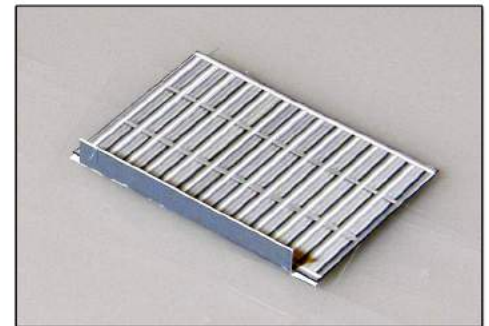
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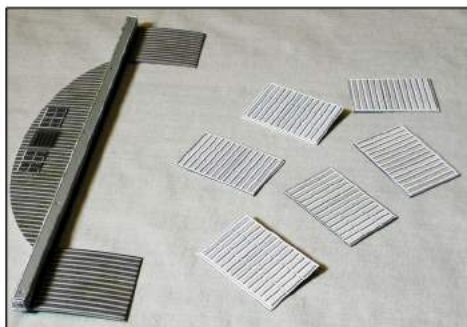
**STEP 14** - Attach door guide tracks as shown, with the slots that were cut, facing downward, using hobby glue. When the hangar doors are installed, they will be inserted into these slots and will slide fully closed, or open up all the way across.



**STEP 15** - With hobby glue, affix the opposite side of all hangar doors, so all doors are double sided. There are two doors in this building kit with tabs on one side. These are the far left and far right side hangar doors. Score lightly with a hobby knife or scoring tool, and a straight-edge.



**Step 16** - Bend the tab using a straight-edge so the finished far left side, and far right side doors look like this. When the doors are inserted into the guide track, the tabs should be facing toward the outer edge of the building base they are located closest to



**STEP 17** - Once all the pieces of the front side of the hangar building are ready to be assembled, they should all look like this.



**STEP 18** - Using a hot glue gun, you may begin tacking the walls to the building base. Begin by using small drop(s) of hot glue, hold wall in place until each glue drops cools and hardens. Place hot glue drops on the inside walls (not outside).



**STEP 19** - Once the back wall, and both side walls are glued in place, your hangar building should look something like this. Take your time attaching walls with hot glue to achieve the best results.



**Step 20** - Set front wall in place and join to building base using hot glue



**Step 21** - Measure where bends need to be, score, bend, attach roof with hot glue.



**Step 22** - Line up part-2 of hangar building base, with part-1 and join together with tape underneath (on the backside).



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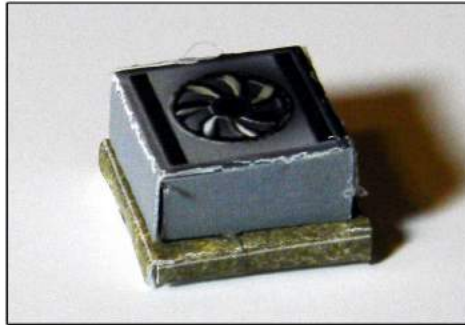


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STEP 23 - Score and fold the air conditioner unit, and concrete base. We recommend using hot glue to hold corners together. Place small drops of hot glue in each corner (underside of pieces) while holding those corners together, for a perfect finished look.



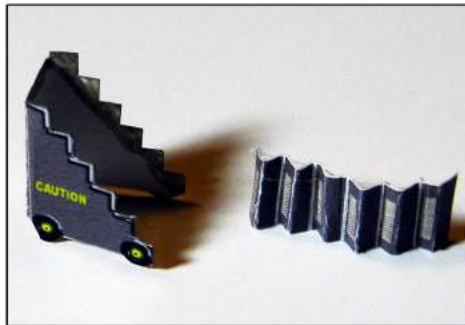
STEP 24 - Using hot glue, join the air conditioner to its base, then use hot glue to join the base of the air conditioner to the hangar building base. Where you position this unit is up to you, but you can refer to pictures in these instructions for some ideas.



Step 25 - Score and bend all three corners of refuse container as shown. Next, use hot glue to join the walls together while holding in place. For a sturdier finished piece, place drops of hot glue in all corners while holding at perfect 90-degree angles, and let cool before releasing.



STEP 26 - Using hot glue gun, place some drops inside refuse container, then carefully drop the picture of refuse into that opening for a finished look. Refuse container is now ready to place behind the hangar building



STEP 27 - Score and fold the aircraft boarding ladder and steps. Hold the steps carefully at 90-degree angles, and slowly place hot glue drops on the back of those steps, then let cool. Next, use hot glue to join the ladder frame and steps together.



STEP 28 - Find the narrow front hangar door guide tracks and glue them onto the hangar building base parallel to each other. Be sure to leave approximately 1/8" between these two guides so doors can slide back and forth in.



Step 29 - When glued in place, door slide tracks should look like this.



Step 30 - Insert hanger doors into guide tracks. When complete, they should look like this, and open/close freely.



Step 31 - Using hobby glue, attach optional features like signs, security lights, shrubbery, concrete door pads, etc.... Use your creativity!



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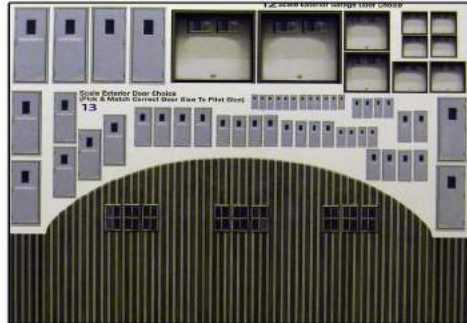
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STEP 32 - When building tool chests and cargo boxes, color all edges with markers, then score, bend all sides. Use hot glue to join panels together.



STEP 33 - This building kit comes with many optional, various scale features like doors, ladders, tool chests, boxes. For extreme realism, construct your scale building using features appropriate to the scale of model you wish to create.

**IMPORTANT:** Always wear safety glasses when using sharp tools or heated glue guns. Keep all materials away from extreme heat or flames.

Adults must carefully supervise anyone under the age of 16 and assist in cutting and gluing.

Unplug hot glue gun when not in use and follow manufacturer's safety guidelines.

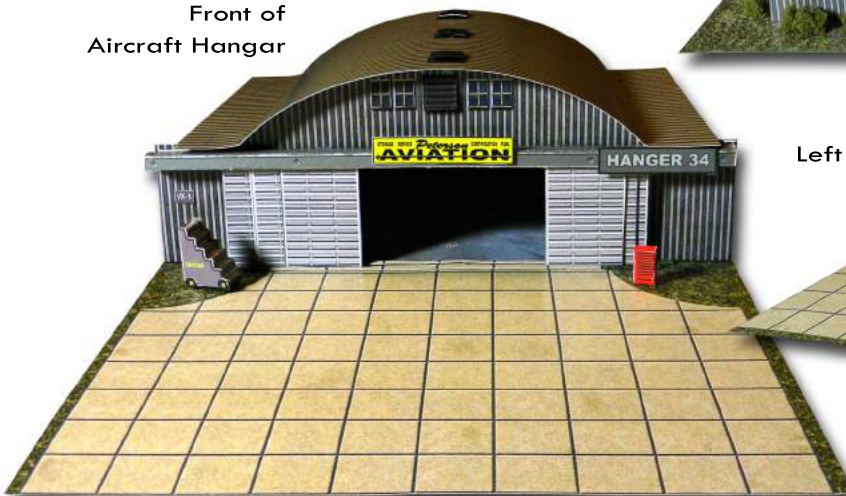
Do practice scoring and folding parts that require this.

Do detail all cut edges with water based marker before assembly.

Do test fit parts before gluing

## FINISHED AIRCRAFT HANGAR PHOTOS

Front of Aircraft Hangar



Right Side of Building



Left Side of Building



Back Side of Aircraft Hangar



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