

Dark Eldar Raider 5th Ed

What you'll need:

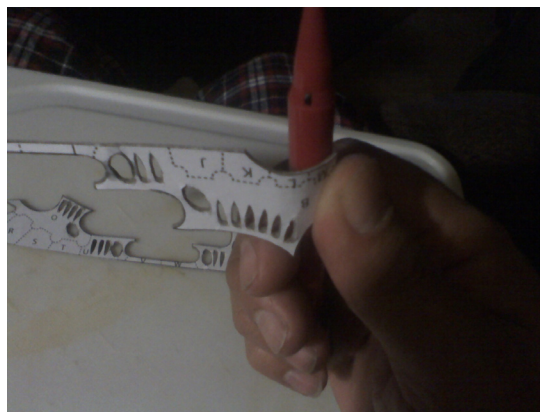
- A set of printed templates glued to 1mm or thinner medium (medium can be cardboard or plasticard)
- Putty (I use Elmer's Wood Putty or sheet rock spackle, available at any hardware store and magic sculpt)
- Screen Mesh (can be metal or plastic, available from hardware store)
- Plastic tubing (I used the straw from a kids juice box and plastrux available from hobby store)
- 1 Large tampon applicator tube
- Old model sprue
- 2 Eldar Bright Lance Weapons (you can find eldar bits on EBay)
- Round pen
- Xacto/Hobby knife
- Scissors
- Superglue
- Toothpick
- Paperclips (several)

Keys/Hints:

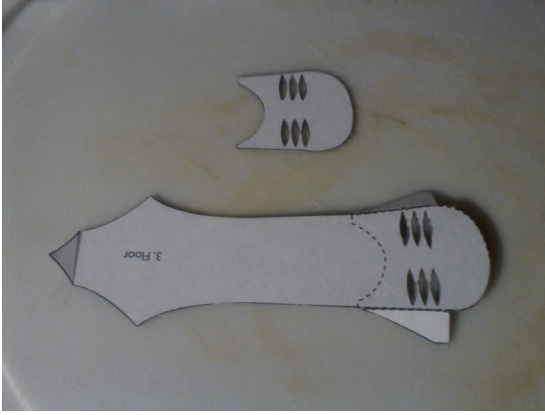
1. All blacked out areas need to be cut out.
2. All dash lines on patterns are placement holders for layering.
3. Dotted lines are score marks (Score means the slice along the dotted line but do not penetrate the medium).
4. After gluing items wait till the glue dries before moving onto next step. Read ahead so you can plan out your next step.
5. Dry fit everything before gluing.

Directions:

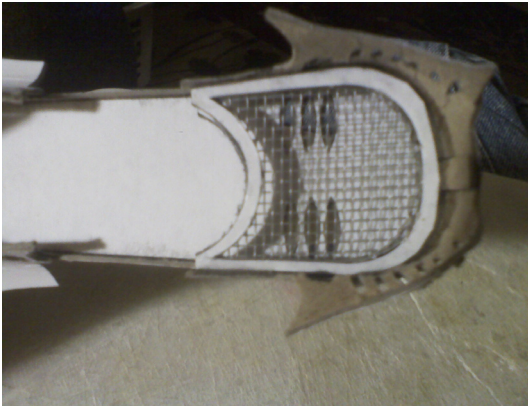
1. Cut out patterns 1 and 2. Cut out all black areas. Use the round pen to curl the back and the side rails. Glue both patterns together on the back tab. Also glue the front ends together from the tip all the way up to gunners tip. This make the main chassis of the Raider.



- Cut out patterns 3, and 4. Cut out all black areas. Pattern 3 is the main floor of the chassis. Glue pattern 4 onto the dashed area on pattern 3. Be sure you line up the holes. The score mark on pattern 3 needs to be scored on the back side of the visible line. Bend it towards the top. Use the round pen to curve the front end towards the prow. The floor should run along the back edge, inside along the bottom of the last rail all the way to the front trim (see image) Now glue the floor pattern to the chassis.



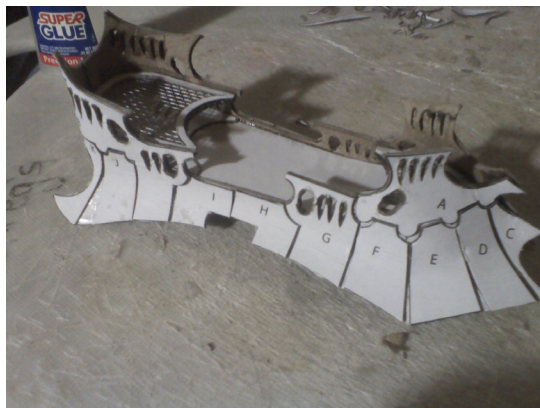
- Cut out patterns 5 and 6. Cut out the black area on pattern 6. Cut out a piece of screen meshing that fits the cut area. Glue the screen mesh and pattern 6 together. When dried glue pattern 5 underneath pattern 6. This is the navigators floor. It fits snugly along the back of the chassis and lines up evenly with the second level rail near the back. Glue it in place.



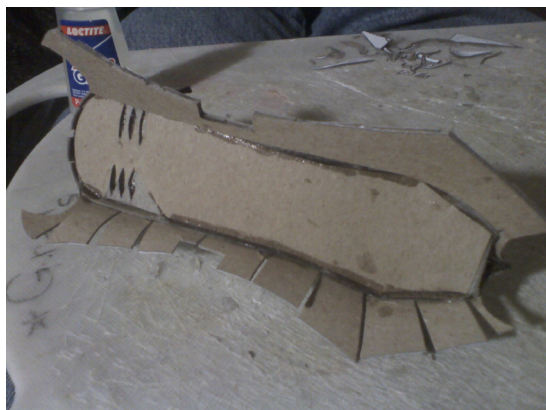
- Cut out patterns 7 and 8. Cut out the black area on pattern 7. Cut out a piece of screen meshing that matches this pattern. When dry glue pattern 8 underneath pattern 7. This creates the gunners floor. It fits snugly into the front end of the chassis. It line up evenly with the second level rail near the front. Glue it in place.



- Cut out pattern 9 and set it off to the side. Take this time to take a break and clean up your work area.
- Cut out pattern 10 Armour plates A-M. Cut out all the black areas. Use the round pen to give them a curve. Match these up with the appropriate letters on the chassis. Glue them in place. The bottom ends should be loose and flared out.
- Cut out pattern 11 Armour plates N-Z. Cut out all the black areas. Use the round pen to give them a curve. Match these up with the appropriate letters on the chassis. Glue them in place. The bottom ends should be loose and flared out.



- Cut out pattern 12. This will back up the armour plates and flare them out even more. Place them underneath the armour plates and push them to where they are almost parallel to the floor (Pattern 3) and glue them in place.



- Now get Pattern 9 (that we set side earlier). This will be glued in place underneath Pattern 12. It needs to line up and fit flatly to the bottom of the chassis. Trim off the excess if any.
- Cut out pattern 13. Use the pen to add curves to top and bottom sections of the air foil. Score the edges of the rectangle section. Bend the sides down and glue them in place. This piece lines up with the curved front end. Trim off any excess on the back end.



11. Now apply superglue to all the edges. Even inside the rails. Set aside and let dry. This seals all the edges from moisture and helps hold everything in place.
12. When everything is dry, now you can apply the putty to the sides of the air foil. Level it off at the top edge of the air foil to the bottom edge of the chassis skirt. Make it as symmetrical as possible while also molding a curve into it. Let dry overnight.
13. Now take a file or dremel tool and file down all the edges to make them smooth and even.



14. Cut out pattern 14. Cut out the black areas. Score the center then bend in half. The section with the dashed lines line up behind the cut area piece. Glue it in place. Now take plank piece and glue it in the middle of the bent piece. It should look like an arrow. Both pieces slide into the open slots on the sides of the chassis.



15. Cut out pattern 15. This gets glued at the nose of the ship.
16. Pattern 16 is the prow of the ship. Sections A-C are in placement order. Cut them out and score the sides and bend. Glue the open edges together.



17. Pattern 17 is the engine intake. Cut out the black pieces first then cut out the pattern. Use the round pen to apply a curve to the pieces. Glue them together to make the round piece of the engine.
18. Now cut out the fins for the intake. These get glued from the underside of the intake. Start in the center and work your way the edges. Let this piece dry
19. The engine intake piece gets glued to the bottom middle section of air foil.



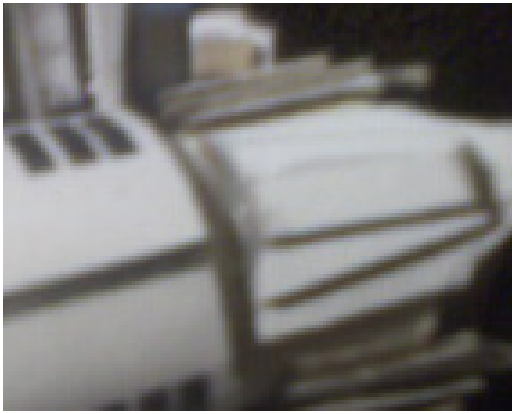
20. Now cut out pattern 19. These are gravity strips that line the bottom of the ship. When gluing these in place you need to start at the flat section of the air foil. Work your way forward towards the nose first. Take your time as this is tedious. Also be mindful to lay the pieces around the engine intake and not over it.
21. When the gravity strips are dry then you can cut out pattern 20 and glue it in place. Once again start at the flat section on the air foil and work you way forward the do the same to the back end.



22. Cut out the black sections on pattern 21 first. Then cut out the pattern. Use the pen to apply the curve to the piece.
23. The gun mount is a short tube glued onto the Gunners deck at the very front/tip of the ship. A second thinner tube (a longer piece that slides easily into the tube on the gunners deck) is glued onto the pattern 21 at the bottom center. When it is dry then you can slide it into the tube on the gunners deck. It should be able to move back and forth. Now you need to a weapon and mount it into place. I recommend you go to a bits store and buy one.



24. Now take the tampon applicator. Cut off about an inch. On one end cut out about 1/4 inch off half the tube. This will slide into the back end of the engine intake to make the exhaust port. Once it's place you use a pencil to mark up the areas you want add the exhaust port layers. Cut those out and glue them on the tube. Glue the tube in place.



25. Now you're ready for the rudder. You get to decide which one to use. Variant 1 or Variant 2. Whichever you decide, cut out all 3 pieces. The 2 shorter pieces get glued on the each side of the longer piece. When the glue is dried then you use your putty to fill in the section from the bottom of the smaller pattern to the edge of the longer pattern. Make this look like a blade edge. Let it dry 24 hours. Once it dry then you can sand it down to a sharper edge.
26. Now get your juicy box tube and cut it to fit in the section of the rudder. Get some putty (I used magic sculpt for this) and place it around the tube. Sculpt it into an oval shape. Be sure not to cover the ends of the tube. Let it dry overnight. Next day you can carve the vents on the sides of the rudder.
27. Now get the tooth pick and slide it into the tube of the oval shape. Leave about 1/8 of the toothpick sticking out on either side to the oval piece. Cut a notch at each of the tooth pick and slide it onto the rudder. Glue the toothpick in place. Now its up to you. You can glue the rudder in place so it doesn't move or you can leave it as is so it is moveable.



Now you have a completed Dark Eldar Raider, minus the sails. From what I've read in the codex the sails are optional. The section will discuss creating the sails from bit and pieces of Eldar items. You can bypass this section and go to an online bits store and buy the original sails for a great price (thus making your model tournament viable) or proceed to the next section and build the sail from bits (I guess since we'll be using original Eldar bits it'll still tournament viable).

Building the Sails:

Once again you get your choice of which sail you want to use. Variant 1 or 2. For this demo I chose Variant 2.

First get the 2 Bright Lance weapons. Cut them in half below the barrel. Now cut the barrels ends off. Now take the second half (main body) of the Bright Lances and glue them (or magnet them) into place on the main deck of the ship. Let it dry. Now take the old model sprue and glue it on top of each half of the bright lance bodies.

For my piece I made some oval eldarish pieces to put at the ends of the sails going towards the prow. You can make something of your own or use some leftovers you might have lying around.

Now take a paper clip and extend it out. Curve it into the shape of the curve on the sail(s). Take your putty and put it around the clip form it to where it tapers off as you get to the end. Let this dry overnight.

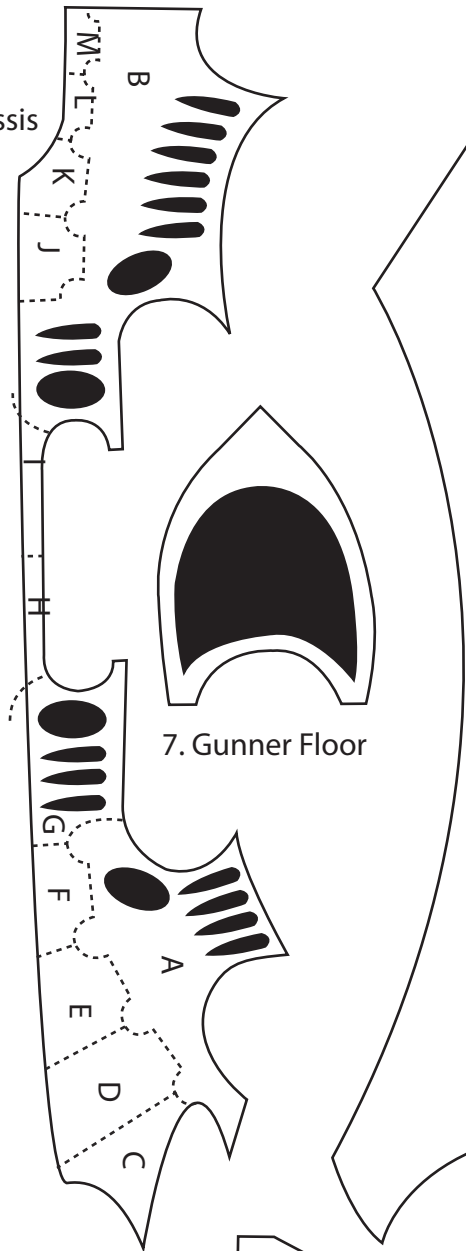
Now cut out the sail(s) you wish to use. Get your juicy box tube and cut a piece off as long as the bottom of the sail. Glue it in place and let it dry. Now take the putty covered paper clip and glue it in place on the top of the sail. Glue the barrel end piece onto the end of the juicy box tube pointing towards the rudder. Glue the end pieces you want to use on the other end pointing towards the prow.

All this get glued on top of the old model sprue. Put something underneath the bright lance barrel end to separate it from the old model sprue in order to leave a gap there.

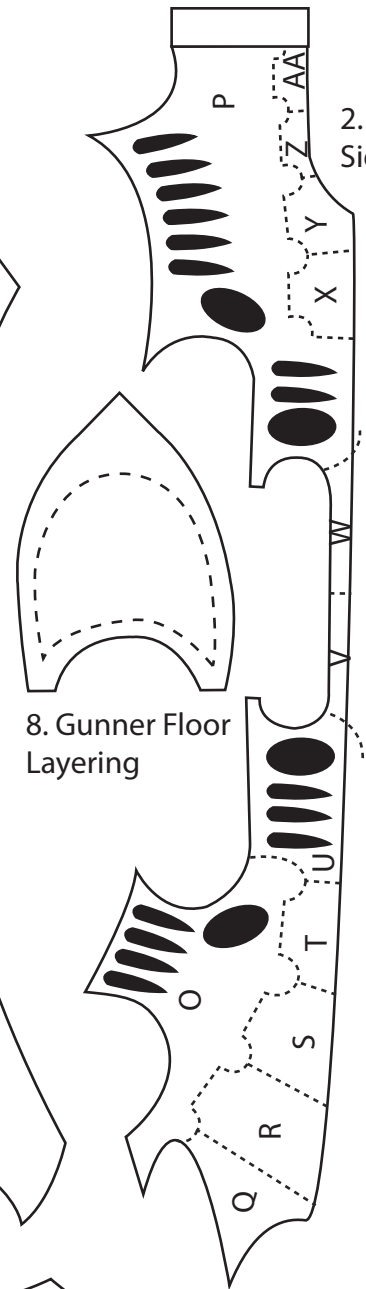
Now you have a completed scratch built Dark Eldar Raider! Congratulations and have fun fielding it!



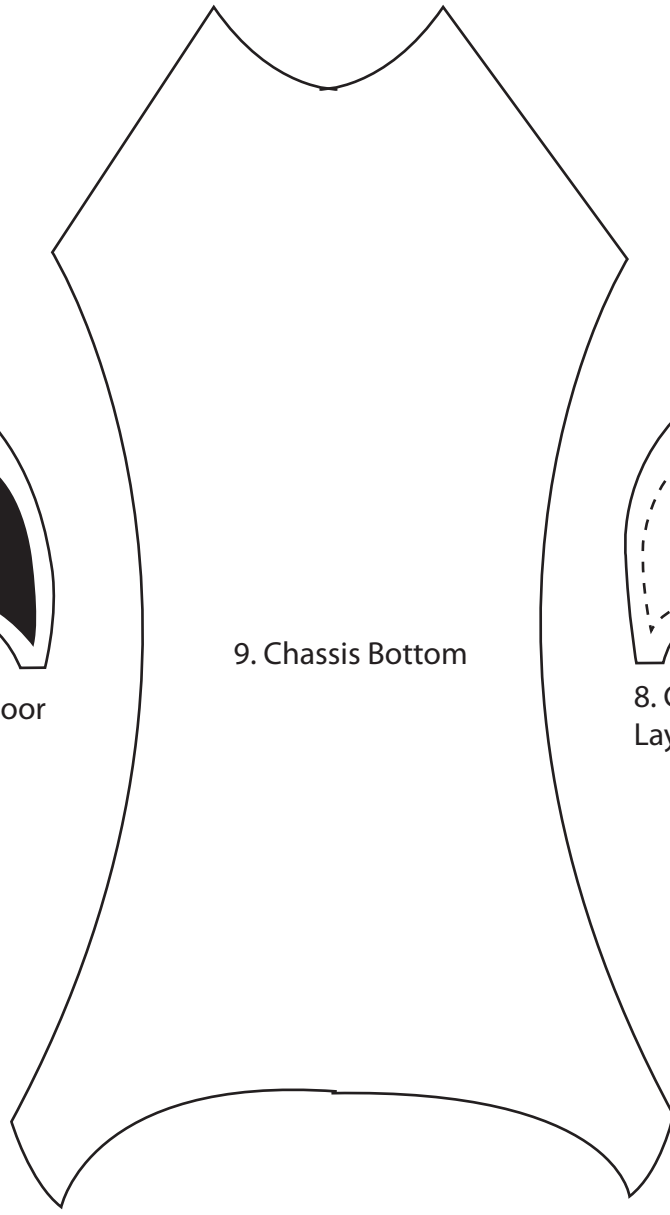
1. Right Side Chassis



2. Left Side Chassis



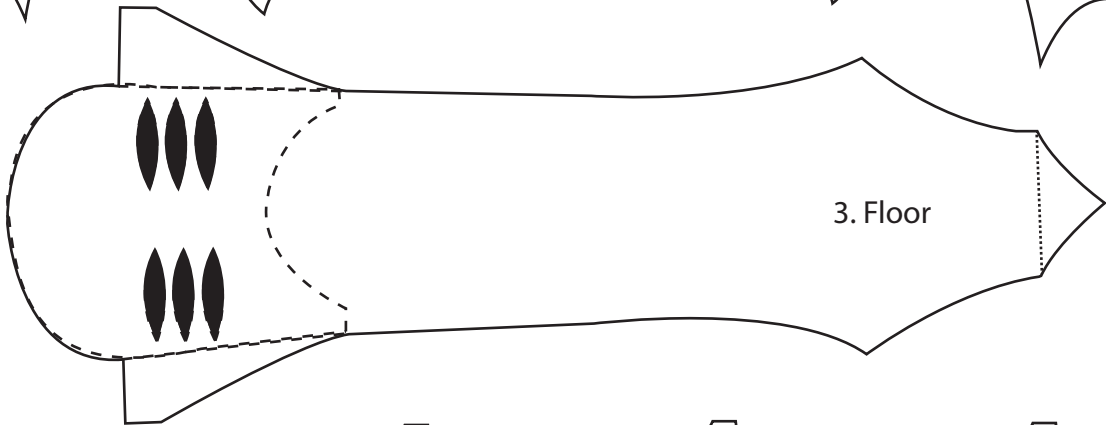
9. Chassis Bottom



8. Gunner Floor Layering

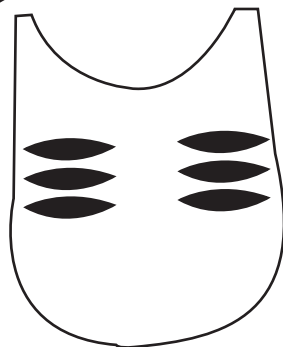
7. Gunner Floor

3. Floor

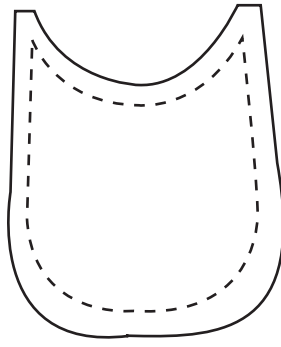


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 November the 2nd, 2007
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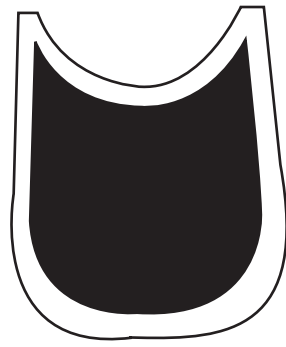
4. Floor Layering



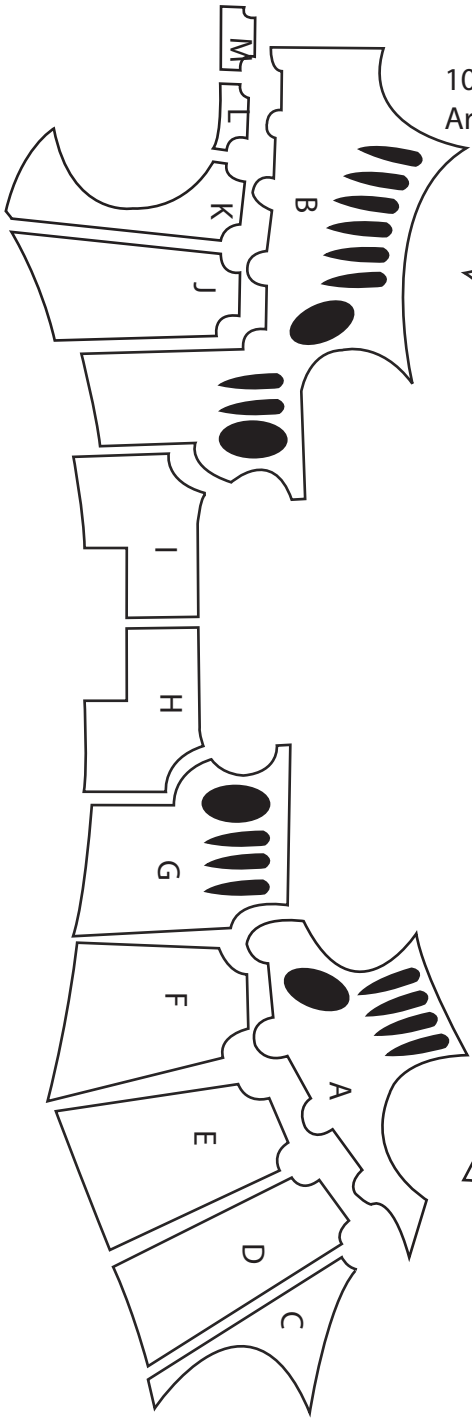
5. Navigator Floor



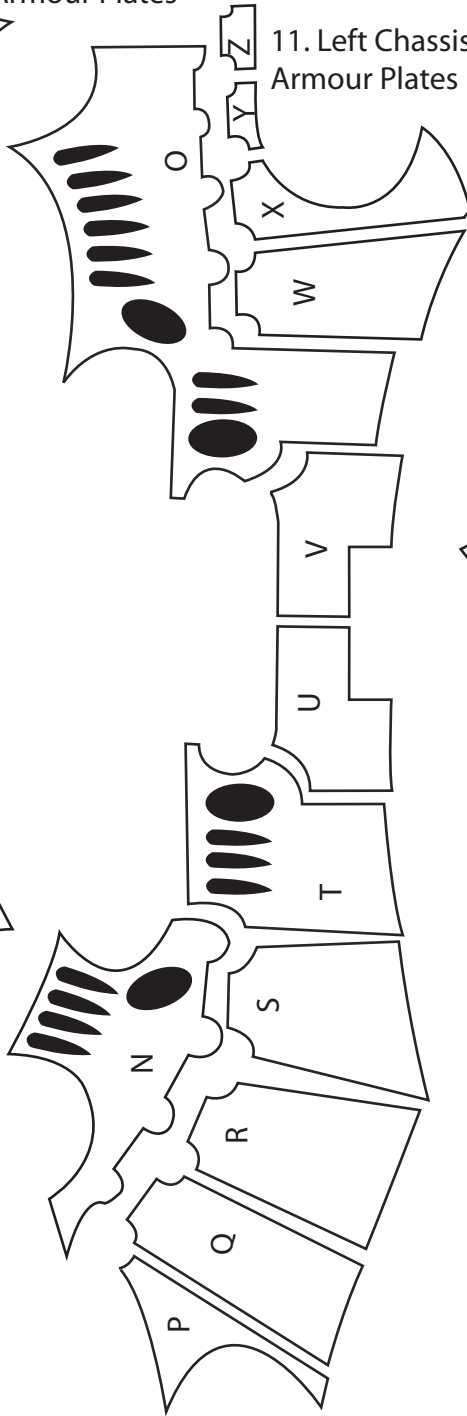
6. Navigator Floor Layering



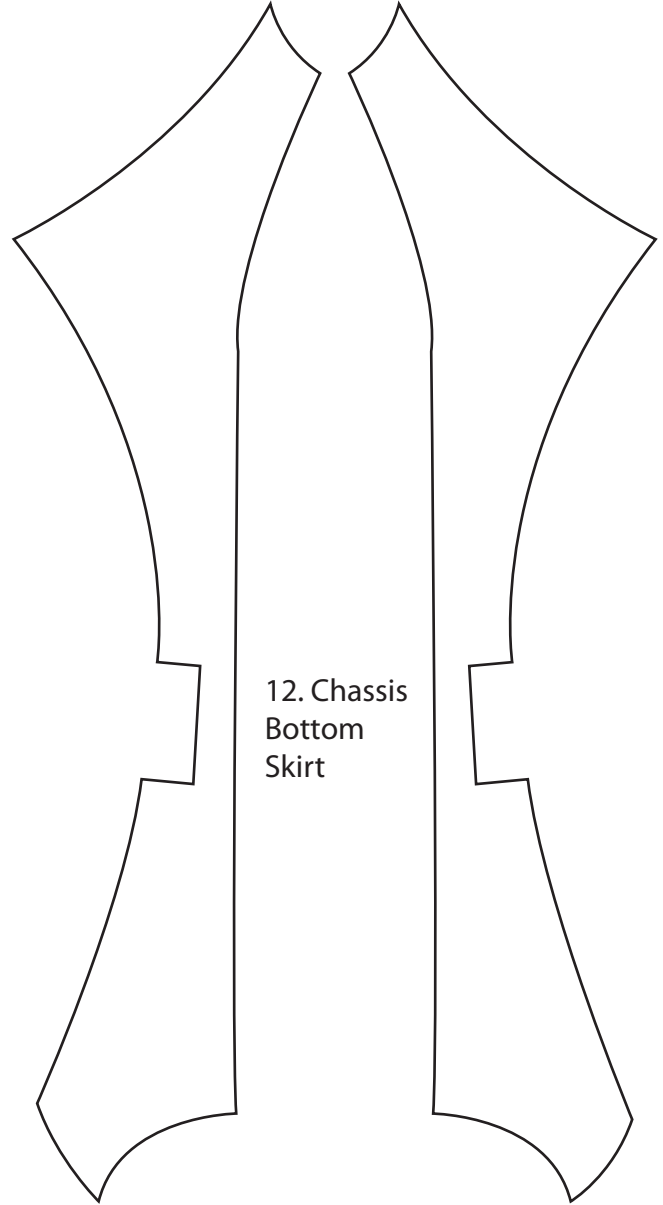
10. Right Chassis
Armour Plates



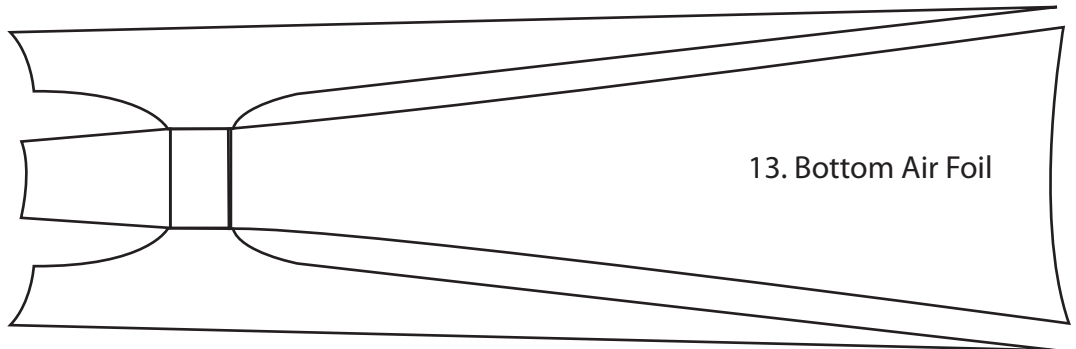
11. Left Chassis
Armour Plates



14. Left & Right Planks

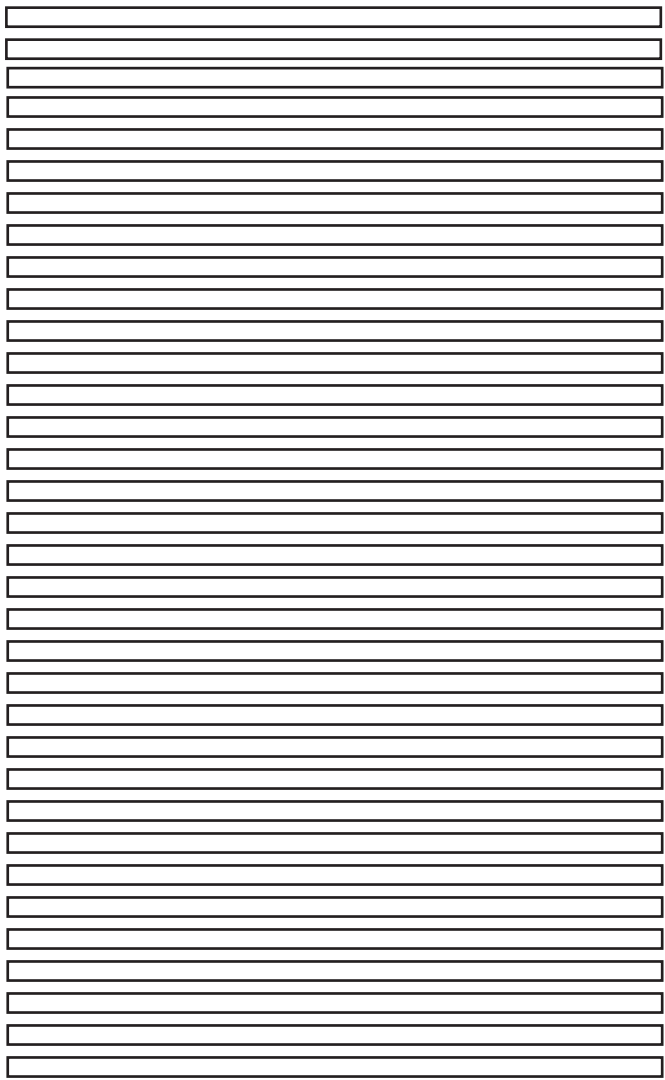


12. Chassis
Bottom
Skirt



13. Bottom Air Foil

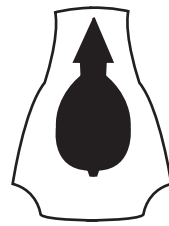




19. Gravity Strips

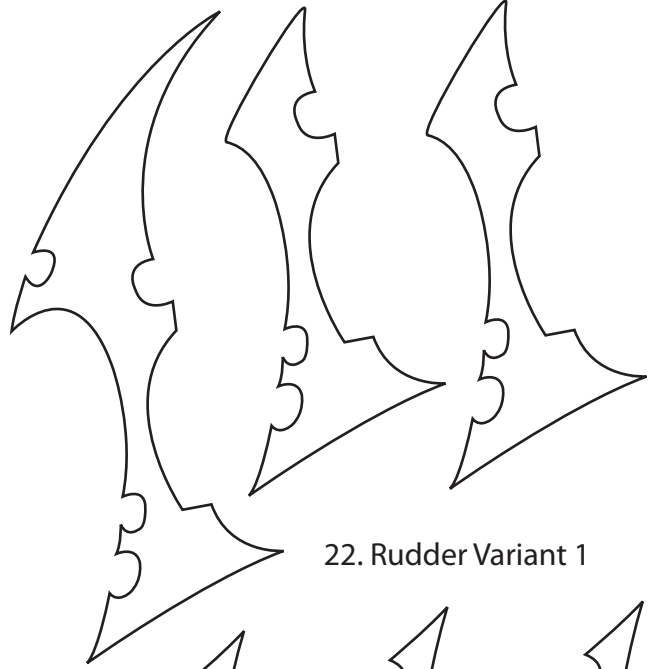


20. Bottom Centerstripe

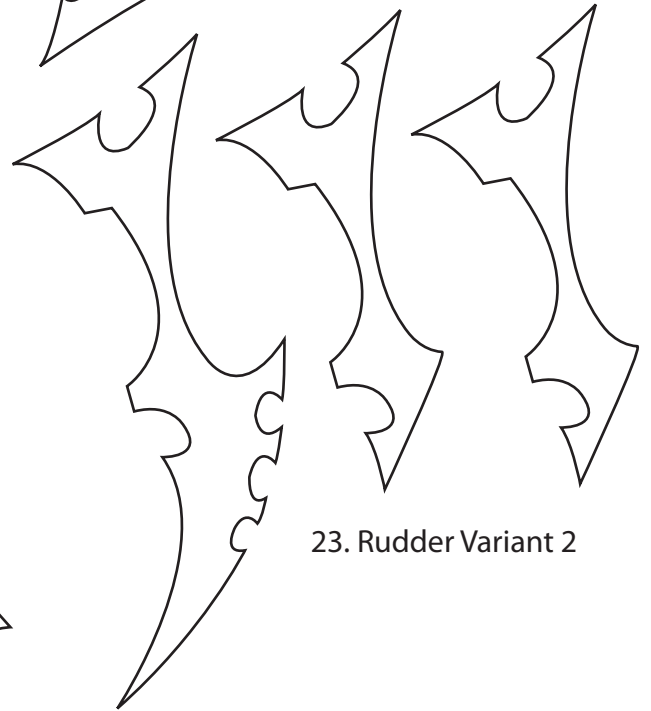


21. Gun Shield

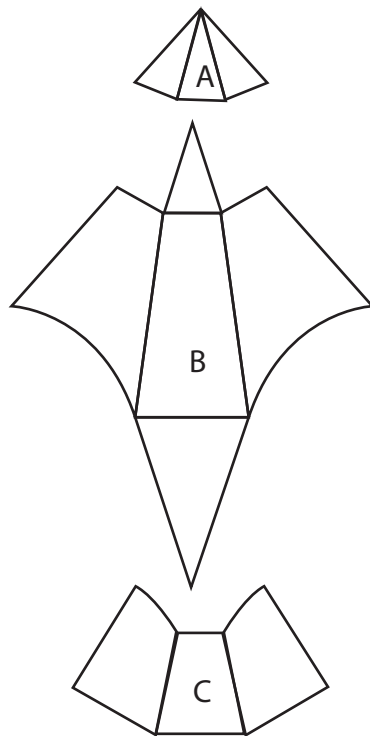
24. Exhaust Port Layers



22. Rudder Variant 1



23. Rudder Variant 2

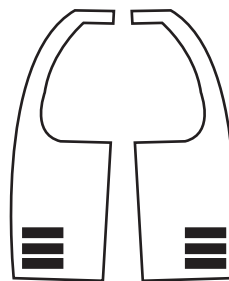


16. Prow A, B & C

15. Nose Cap

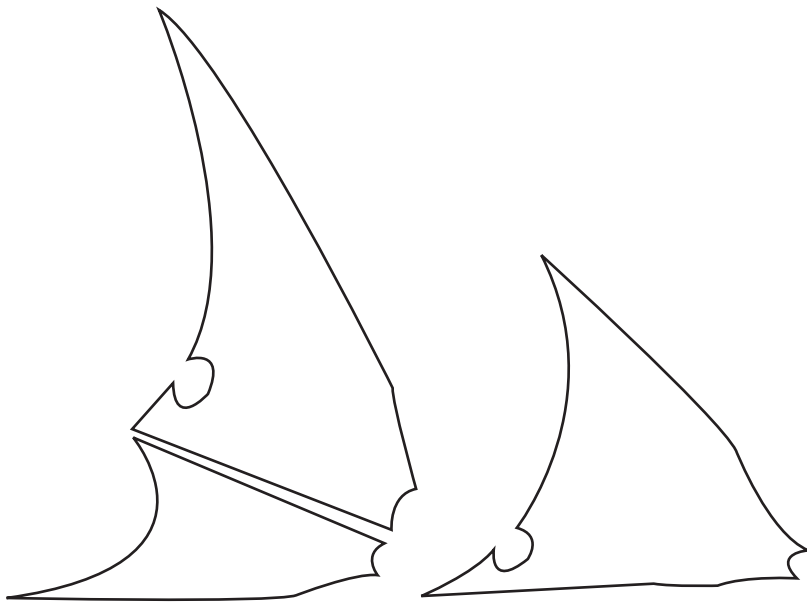


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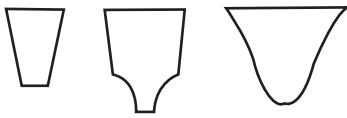
17. Engine Intake

18. Engine Vents

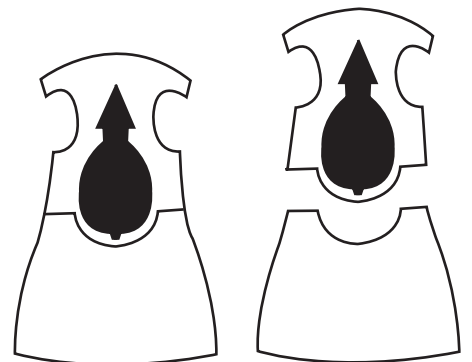
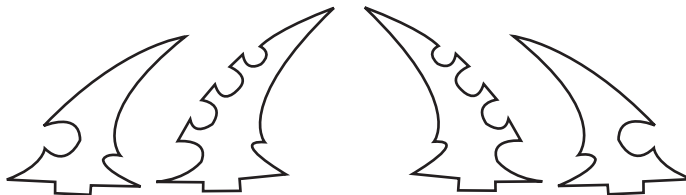


24. Sail Variant 1

25. Sail Variant 2



17. Gravity Strips



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